Page

N. C. S. A. Committee on Welfare and Safety Meets in New York. No. 2, Oct. 27, 1926..... 98
N. C. S. A. Executive Committee Meets in New York. No. 2, Oct. 27, 1926..... 68
Portland Cement Association Elects G. S. Brown President. No. 4, Nov. 24, 1926..... 88
Portland Cement Association Makes Several Changes. No. 1, Oct. 13, 1926..... 104
Trade Association Problems. No. 3, Nov. 10, 1926.....55-56
Value of Industrial Associations. *G. S. Brown.* No. 12, Mar. 16, 1927.....70-72
Wisconsin Mineral Aggregate Association Holds Eighth Annual Meeting. No. 6, Dec. 22, 1926.....86-87
ATLANTIC GYPSUM PRODUCTS COMPANY—Atlantic Gypsum Elects. No. 13, Mar. 30, 1927..... 97
ATLAS PORTLAND CEMENT COMPANY—Interesting Safety Work Conducted by Atlas Portland Cement Company. No. 3, Nov. 10, 1926..... 87
ATLAS POWDER COMPANY—Atlas Powder Developments. No. 6, Dec. 22, 1926..... 106
ATLAS SAND AND GRAVEL COMPANY—Plant Facilities Utilized to Advantage by Atlas Sand and Gravel Company. F. A. Westbrook. No. 8, Jan. 19, 1927.....33-40
AUSTIN COMPANY—Single Company of Builders Buys $10,000,000 in Materials. No. 11, Mar. 2, 1927..... 84
AUTOMOBILES—1926 Automobile Production Ahead. No. 6, Dec. 22, 1926..... 85

B

BACKFILLER—New Harnischfeger Machine. No. 12, Mar. 16, 1927..... 106
BACON, EARLE C.—Earle C. Bacon Figured Prominently in Consolidated Company Plant. No. 6, December 22, 1926 60
BAIR, H. E.—What's Ahead for 1927? No. 5, Dec. 8, 1926. 65
BANKS—Largest Bank in World. No. 12, Mar. 16, 1927... 86
BARTLETT HAYWARD COMPANY—Fast's Flexible Coupling. No. 11, Mar. 2, 1927..... 98
BAUXITE—Bauxite in United States. No. 4, Nov. 24, 1926.. 100
Beneficiation of Low Grade Bauxite. No. 1, Oct. 13, 1926 66
Investigation of Low Grade Bauxite. No. 5, Dec. 8, 1926 80
Markets for Bauxite. No. 4, Nov. 24, 1926..... 84
U. S. Has Produced Much Bauxite. No. 3, Nov. 10, 1926 92
U. S. Production of Bauxite During 1926. No. 13, Mar. 30, 1927..... 96
BARBER-GREENE CO.—New Barber-Greene Office. No. 6, Dec. 22, 1926..... 92
BAY CITY DREDGE WORKS—Bay City Shovels. No. 8, Jan. 19, 1927..... 109
Bay City Tractor Shovel. No. 3, Nov. 10, 1926..... 111
Bay City Tractor Shovel. No. 5, Dec. 8, 1926..... 102
BEAVER PRODUCTS COMPANY—Gypsum Producers Consolidate. No. 7, Jan. 5, 1927..... 106
BELLE CITY MFG. CO.—Belle City Company Holds Annual Meeting. No. 11, Mar. 2, 1927..... 101
Crawlers in Foreign Fields. No. 11, Mar. 2, 1927..... 98
New Belle City Crawler. No. 13, Mar. 30, 1927..... 99
New Crawler Tractor. No. 1, Oct. 13, 1926..... 104
BELTING—A Few Points on Belting. No. 8, Jan. 19, 1927.. 70
BELT LACER—New Clipper Speed Lacer. No. 11, Mar. 2, 1927 99
BELTS—New Goodrich V Type Belt. No. 8, Jan. 19, 1927.. 111
BENT, J. R.—Marketing Agstone in Illinois. No. 10, Feb. 16, 1927.....69-72
BERKSHIRE HILLS LIME COMPANY—This Lime Company Balances Operations With Surrounding Conditions. *F. A. Westbrook.* No. 6, Dec. 22, 1926.....61-64
BESSEMER LIMESTONE AND CEMENT COMPANY—Bessemer Limestone and Cement Company Makes Improvements in Methods. *E. D. Roberts.* No. 4, Nov. 24, 1926 51-60
BETHLEHEM STEEL COMPANY—Bethlehem Track Equipment. No. 11. Mar. 2, 1927..... 102
BINS—New Butler Bin Catalog. No. 7, Jan. 5, 1927..... 117
BINS, STORAGE—Weigh as You Load. No. 12. Mar. 16, 1927 107
BIT, AUGER—Detachable Auger Bit. No. 5, Dec. 8, 1926... 107
BITS—New Armstrong Bit Dresser. No. 5, Dec. 8, 1926... 98
BLAKESLEE, C. W., AND SONS—Blakeslee and Sons Exhibit at New Haven. No. 11. March 2. 1927..... 98
BLASTING—Development of Electric Shot Firing. No. 7, Jan. 5, 1927..... 109
Difficult Quarry Blasting Problem Recently Solved in Oregon. No. 1, Oct. 13, 1926..... 95
Progress of Electric Shot Firing. No. 6, Dec. 22, 1926.. 45
Vibrations Caused by Quarry Blasting and Their Effect Upon Structures. *Edward H. Rockwell.* No. 9, Feb. 2, 1927.....97-102
BLAU, PROF. ERNST—Modern Grinding and Screening Systems in the Production of Lime. No. 7, Jan. 5, 1927.91-94

Page

BLAW-KNOX COMPANY—Weigh as You Load. No. 12, Mar. 16, 1927..... 107
BLUME, KARL—Quantities, Weights and Heat Contents of Flue Gases from Rotary Kilns. No. 11, Mar. 2, 1927 56-60
BOOSTER CLUBS—No. 4, Nov. 24, 1926..... 50
BORAX—Another Borax Find in California. No. 4, Nov. 24, 1926..... 84
Borax Companies Cool Death Valley. No. 3, Nov. 10, 1926 98
Unusual Find of Borax. No. 2, Oct. 27, 1926..... 96
BOWLES, OLIVER—Recent Progress in Slate Technology. No. 1, Oct. 13, 1926.....61-66
Research as an Aid to Efficiency. No. 9, Feb. 2, 1927..91-93
BRACES—The Anchor Track Brace. No. 1, Oct. 13, 1926... 105
BRANDON ROCK PRODUCTS CO.—Good Management Reflected in Details of Plant Operation and Routine. *F. A. Westbrook.* No. 12, Mar. 16, 1927.....61-65
BRICKS—The Komnick Process. No. 5, Dec. 8, 1926...103-104
BRICKS, SAND LIME—Comments on Sand Lime Brick Prospects. No. 9, Feb. 2, 1927..... 104
BRISTOL CO.—Bristol Issues New Data on Recording Voltmeter. No. 1, Oct. 13, 1926..... 102
New Pyrometer Controller. No. 3, Nov. 10, 1926..... 113
BROOKER, EDWIN—Value of Sand and Gravel Traffic as Revenue to the Railroads. No. 10, Feb. 16, 1927.....94-98
BROOKVILLE LOCOMOTIVE COMPANY—Brookville Locomotives. No. 5, Dec. 8, 1926..... 105
BROWN, G. S.—Value of Industrial Associations. No. 12, Mar. 16, 1927.....70-72
BROWN HOISTING MACHINERY COMPANY—Brown Hoisting Exhibit at All-Western Show. No. 1, Oct. 13, 1926... 100
BROWN INSTRUMENT COMPANY—An Improved Flow Meter. No. 1, Oct. 13, 1926..... 106
BROWNING CRANE COMPANY—Browning Truck Crane. No. 5, Dec. 8, 1926..... 99
BUCKETS—Hayward Drag Line Buckets. No. 7, Jan. 5, 1927 112
New Hayward Bucket. No. 13, Mar. 30, 1927..... 92
Salem Elevator Buckets. No. 13, Mar. 30, 1927..... 91
BUCYRUS COMPANY—Bucyrus 1926 Developments. No. 6, Dec. 22, 1926..... 100
Exhibit at National Crushed Stone Association. No. 12, Mar. 16, 1927..... 105
New Bucyrus Yard Shovel. No. 13, Mar. 30, 1927..... 98
New Stripping Shovel. No. 3, Nov. 10, 1926..... 108
BUDGET—A Simple Practical Budget Plan. *R. N. Van Winkle.* No. 12, Mar. 16, 1927.....45-48
BUFFALO ROCK SILICA COMPANY—Material Handling Methods Improved by Buffalo Rock Silica Co. *E. D. Roberts.* No. 4, Nov. 24, 1926.....89-92
BUTLER BIN COMPANY—New Butler Bin Catalog. No. 7, Jan. 5, 1927..... 117
BUYING—Installment Buying. No. 4, Nov. 24, 1926..... 88
BYERS MACHINE COMPANY—New Bear Cat Shovel. No. 10, Feb. 16, 1927..... 108

C

CANADA PORTLAND CEMENT COMPANY—Two Cement Plants Finish Year Without a Single Accident. No. 8, Jan. 19, 1927..... 80
CABLEWAYS—Page Slackline Cableway. No. 11, March 2, 1927 101
Street Cableways. No. 11, March 2, 1927..... 100
CAR DUMPER—Roberts and Schaefer Improve Rotary Car Dumper. No. 5, Dec. 8, 1926..... 96
CAR LOADER—New Box Car Loader. No. 1, Oct. 13, 1926... 98
CARROLL, J. E.—What's Ahead for 1927? No. 5, Dec. 8, 1926 65-66
CEDAR GROVE SAND AND GRAVEL COMPANY—Sand and Gravel Neighbors Compared. *George Ransom.* No. 7, Jan. 5, 1927.....75-82
CEMENT—Another Brixment Mill Completed by Louisville Cement Company. No. 10, Feb. 16, 1927.....59-61
Bessemer Limestone and Cement Company Makes Improvements in Methods. *E. D. Roberts.* No. 4, Nov. 24, 1926.....51-60
Beck, A. L., and M. H. Hammond Designed Great Lakes Portland Cement Plant. No. 6, Dec. 22, 1926..... 74
Cement Plant Development. No. 5, Dec. 8, 1926.....67-80
Consistence of Cements, Pastes and Concrete. No. 10, Feb. 16, 1927..... 80
Distribution of Cement. No. 2, Oct. 27, 1926.....102-103
Distribution of Cement. No. 4, Nov. 24, 1926.....102-103
Distribution of Cement. No. 6, December 22, 1926.....90-91
Distribution of Cement. No. 11, Mar. 2, 1927.....96-97
Editor Manufacturers' Record Urges More Raw Material Development in South. No. 13, March 30, 1927..... 54
Expansion in the Portland Cement Industry. No. 10, Feb. 16, 1927..... 93

494163

Page
Free Lime Content of Hydraulic Cement. No. 6, Dec. 22, 1926 73-74
Free Lime in Portland Cement. No. 10, Feb. 16, 1927.... 98
German Portland Cement Manufacturers Hear Reports of Investigations. No. 2, Oct. 27, 1926.....81-82
High Temperature on Hardened Cements. *K. Endell.* No. 6, Dec. 22, 1926.....55-60
Hydraulic Bituminous Cement. No. 13, March 30, 1927... 63
Hammond, M. H., and A. L. Beck Designed Great Lakes Portland Cement Plant. No. 6, Dec. 22, 1926..... 74
Importing Foreign Cement and Exporting American Prosperity. No. 4, Nov. 24, 1926.....77-79
Keystone Portland Cement Selects Engineers. No. 13, March 30, 1927..... 99
Louisville Cement Awarded Certificate for Exceptional Safety Record. No. 12, March 16, 1927..... 96
Manufacture of Slag Cement. *M. G. Hugron.* No. 12, March 16, 1927.....39-43
Masonry Committee to Recommend Adoption of Water Cement Ratio. No. 10, February 16, 1927..... 98
October Cement Statistics. No. 4, Nov. 24, 1926..... 102
Portland Cement in Argentina. No. 13, March 30, 1927. 72
Portland Cement Statistics for November. No. 6, Dec. 22, 1926..... 90
Portland Cement Statistics for January. No. 11, March 2, 1927..... 96
Progress in Cement Manufacture. No. 4, Nov. 24, 1926. 94
Quantities, Weights and Heat Contents of Flue Gases from Rotary Kilns. *Karl Blume.* No. 11, Mar. 2 1927 56-60
Railways Adopt Water-Cement Ratio. No. 13, March 30, 1927..... 66
Recent Progress in Cement Technology. *C. H. Sonntag.* No. 6, December 22, 1926.....41-45
September Cement Statistics. No. 2, Oct. 27, 1926..... 102
February Cement Statistics. No. 13, March 30, 1927.... 95
State or Contractor Materials Control. *A. F. Johnson.* No. 8, Jan. 19, 1927.....46-48
Study of the Reactions in Burning Crude Cement Mixtures. *Dr. Walter Dyckerhoff.* No. 13, March 30, 1927 49-54
Testing of Cement on a Small Scale Applied to Cement Burning Process. *Prof. Hans Kühl.* No. 8, Jan. 19, 1927.....49-56
The Water Cement Ratio and Density of Concrete. *F. R. McMillan.* No. 13, March 30, 1927.....73-76
Two Cement Plants Finish Year Without a Single Accident. No. 8, Jan. 19, 1927..... 80
Using Compressed Air in Cement Storage. No. 7, January 5, 1927..... 112
Valley Forge Cement Plant Buildings Planned. No. 13, March 30, 1927..... 97
Water Cement Ratio Recognized by Department of Commerce. No. 7, January 5, 1927..... 109
Wet and Dry Process Aids Dust Elimination. No. 7, Jan. 5, 1927..... 113
What's Ahead for 1927. No. 5, Dec. 8, 1926.....59-66
CEMENT, ALUMINOUS—Developments in Fused Aluminous Cements. *C. P. Harris.* No. 5, Dec. 8, 1926.....87-90
Fused Aluminous Cement. No. 13, March 30, 1927..... 47
CEMENT KILN GUN—Remington Cement Kiln Gun. No. 6, Dec. 22, 1926..... 103
CERAMICS—Plastic Compositions. No. 13, March 30, 1927.. 88
Refractory Products. No. 13, March 30, 1927..... 59
CHAIN—Proper Maintenance of Chain. No. 6, Dec. 22, 1926 39
Taylor-Mesaba Chain. No. 6, Dec. 22, 1926..... 95
CHANNELER—Sullivan Sells Channeler. No. 6, Dec. 22, 1926 98
CHAMBERLAIN, O. P.—What's Ahead for 1927? No. 5, Dec. 8, 1926..... 63
CHARD, CLAUDE F.—Claude F. Chard Killed. No. 1, Oct. 13, 1926..... 108
CHICAGO PNEUMATIC TOOL CO.—The CP-5 Drifter. No. 1, Oct. 13, 1926..... 103
CHRISTIAN, JOSEPH D.—Hevi-Edge Spiral Conveyors a New Departure. No. 1, Oct. 13, 1926..... 101
CITIES, LARGE—Twenty Largest Cities. No. 13, March 30, 1927 59
CLARK CAR COMPANY—Extension Side Dump Car. No. 7, Jan. 5, 1927..... 114
CLARK DUST COLLECTING CO.—New Centrifugal Collector. No. 5, Dec. 8, 1926..... 107
CLEMENTZ, W. A., AND SONS—Constructive Business Methods Applied by this Sand and Gravel Company. *E. D. Roberts.* No. 8, Jan. 19, 1927.....75-78
CLEMMER, H. F.—Field Testing of Concrete for Roads. No. 10, Feb. 16, 1927.....91-93
CLIMAX ENGR. CO.—Climax Develops Service Pump Drive. No. 5, Dec. 8, 1926..... 97

Page
Climax Engineering Company Issues New Bulletin. No. 8, Jan. 19, 1927..... 107
Climax Exhibit at Road Show. No. 7, Jan. 5, 1927..... 117
How to Lubricate the Climax. No. 1, Oct. 13, 1926..... 102
New Climax Bulletin. No. 1, Oct. 13, 1926..... 101
New Reduction Gear Designed for Use with Climax Engines. No. 6, Dec. 22, 1926..... 108
CLIPPER BELT LACER CO.—New Clipper Speed Lacer. No. 11, Mar. 2, 1927..... 99
CLUBS—Booster Clubs. No. 4, Nov. 24, 1926..... 50
COAL—Stocks of Coal. No. 11, March 2, 1927..... 84
COAL—Sources of Dust in Coal Mines. No. 12, March 16, 1927 95-96
Sources of Dust in Coal Mines. *J. J. Forbes and Alden H. Emery.* Part I. No. 13, March 30, 1927.....83-86
Stocks of Coal. No. 11, Mar. 2, 1927..... 84
COBURN, R. W.—Bituminous Road Construction. No. 11, Mar. 2, 1927.....73-77
COLLECTORS, DUST—New Centrifugal Collector. No. 5, Dec. 8, 1926..... 107
COMPENSATOR—New Dust Proof Compensator. No. 11, Mar. 2, 1927..... 96
COMPETITION—Competition and Costs. *Edwin E. Dotter.* No. 12, Mar. 16, 1927..... 44
COMPRESSED AIR—Centralized Unit Compressed Air Plant Reduces Operating Costs. *George Ransom.* No. 4, Nov. 24, 1926.....80-82
COMPRESSORS—G. E. Air Compressors. No. 7, Jan. 5, 1927. 117
Large Centrifugal Compressors. No. 6, Dec. 22, 1926... 94
National Air Compressor. No. 6, Dec. 22, 1926..... 99
Schramm Air Compressors. No. 10, February 16, 1927.. 104
CONCRETE—Beet Pulp Found to Be Destructive on Portland Cement Concrete. *O. V. Adams.* No. 12, March 16, 1927 93-94
Concrete a Field for Needed Research. *Herbert J. Gilkey.* No. 12, March 16, 1927.....90-92
Concrete Men Organize. No. 13, March 30, 1927..... 95
Comments on Concrete Road Construction. *A. N. Johnson.* No. 13, March 30, 1927.....77-82
Field Control of Quality of Concrete. No. 11, March 2, 1927 94
Field Testing of Concrete for Roads. *H. F. Clemmer.* No. 10, February 16, 1927.....91-93
Paving Slabs. No. 6, December 22, 1926..... 76
Researches on Concrete Materials. No. 12, March 16, 1927 87-89
Use of Crushed Stone and Screenings in Concrete Products Manufacture. *D. M. Allan.* No. 12, March 16, 1927 81-82
Why Professor George F. Swain Prefers Steel to Reinforced Concrete. No. 13, March 30, 1927.....87-88
CONFERENCES—Fifth Annual Asphalt Paving Conference. No. 6, Dec. 22, 1926.....79-82
Progressive Movement in New England. No. 6, Dec. 22, 1926 33
CONNOR, C. N.—Crushed Stone in Intermediate Type of Road Construction. No. 11, March 2, 1927.....87-91
CONSOLIDATED STONE AND SAND COMPANY—Consolidated Stone and Sand Company Applies Modern Methods to Plant. *F. A. Westbrook.* No. 4, Nov. 24, 1926..73-76
Earle C. Bacon Figured Prominently in Consolidated Company Plant. No. 6, Dec. 22, 1926..... 60
CONSTRUCTION—American Lime & Stone Company Erects New Bunker. No. 6, Dec. 22, 1926..... 54
A New National Installment Home Building Plan. No. 1, Oct. 13, 1926..... 50
Another Big Building Year Ahead. *C. Stanley Taylor.* No. 8, Jan. 19, 1927.....57-60, 78
Building Blocks. No. 12, Mar. 16, 1927..... 69
Building Construction Outlook Good. No. 7, Jan. 5, 1927 95
Construction Costs Decline. No. 8, Jan. 19, 1927..... 104
Construction for February Shows Increase. No. 12, Mar. 16, 1927.....99-100
Fallacy of Unnecessary Strength. No. 8, Jan. 19, 1927.92, 106
Good Construction Record in September. No. 1, Oct. 13, 1926 108
Is Steel Really Fireproof? No. 12, Mar. 16, 1927..... 66
Kinney Says Hoover Code Committee Saved Florida Many Millions. No. 3, Nov. 10, 1926..... 71
Model Fire Resisting Building. No. 2, Oct. 27, 1926.... 87
Moderate Decline in Construction. No. 10, Feb. 16, 1927 80
Monthly Building Average Estimated at Five and One-half Million. No. 3, Nov. 10, 1926..... 60
November Construction Good. No. 6, Dec. 22, 1926..... 78
Road Building Progressing in Greece. No. 13, Mar. 30, 1927 48
October Construction Record Fair. No. 3, Nov. 10. 1926 105-106
Single Company of Builders Buys $10,000,000 in Materials. No. 11, March 2, 1927..... 84

Page

Uniform Mechanics Lien Act Drafted for All State Legislatures. No. 4, Nov. 24, 1926.....95-96
Van Guilder Wallbuilder. No. 8, Jan. 19, 1927..... 107
CONSTRUCTION MACHINERY COMPANY—Wonder Drum Hoists. No. 13, Mar. 30, 1927..... 97
CONSUMERS COMPANY—Increases Production With Small Cost. *E. D. Roberts.* No. 7, Jan. 5, 1927.....83-86
CONTROLLERS—New Pyrometer Controller. No. 3, Nov. 10, 1926 113
CONTROLLERS, ELECTRIC—Electric Controller Devices No. 8, Jan. 19, 1927..... 109
CONVENTIONS—American Concrete Institute Meets in Chicago in February. No. 8, Jan. 19, 1927..... 105
American Road Builders' Association Holds Tremendous Meeting. No. 8, Jan. 18, 1927.....93-100
American Road Builders' Convention. No. 7, Jan. 5, 1927 101-102
American Society Testing Materials Holds Spring Group Meetings. No. 13, March 30, 1927.....64-66
Annual Meeting of W. M. A. A. (Wisconsin Mineral Aggregate Association). No. 4, Nov. 24, 1926..... 100
Annual Slate Meeting Promises Much. No. 7, Jan. 5, 1927 86
A. R. B. A. Convention and Show Plans. No. 6, Dec. 22, 1926..... 46
Du Pont Holds Convention. No. 10, Feb. 16, 1927..... 105
Eleventh Sand and Gravel Convention Successful from Every Angle. No. 9, Feb. 2, 1927.....79-86, 104
Empire Sand and Gravel Producers Hold Annual Meeting. No. 8, Jan. 19, 1927..... 45
Fifth Annual Asphalt Paving Conference. No. 6, Dec. 22, 1926.....79-82
National Crushed Stone Association Convention. No. 7, Jan. 5, 1927.....97-98
National Sand and Gravel Convention Arranged to Insure Successful Meeting. No. 7, Jan. 5, 1927.....99-100
Reduced Fares to Cincinnati. No. 6, Dec. 22, 1926..... 60
Tenth Annual Crushed Stone Convention Reflects New Viewpoint in Industry. No. 9, Feb. 2, 1927.....51-78
Wisconsin Mineral Aggregate Association Holds Eighth Annual Meeting. No. 6, December 22, 1926.....86-87
CONVEYORS—Advanced Conveyor Practice. No. 6, December 22, 1926..... 96
Hevi-Edge Conveyors a New Departure. No. 1, Oct. 13, 1926..... 101
New S-A Carrier Unit. No. 5, Dec. 8, 1926..... 104
Northern Conveyors. No. 6, December 22, 1926..... 98
P. & H. Conveyor. No. 13, March 30, 1927..... 92
Robins Developments. No. 5, Dec. 8, 1926..... 108
CONVEYORS, BELT—Installation and Care of Belt Conveyors. *William E. Phillips.* No. 7, Jan. 5, 1927.....71-74
COOK MOTOR COMPANY—New Cook Units. No. 5, Dec. 8, 1926 102
COOMBS, FRANK E.—Radical Plant Changes Bring Results to Ohio Hydrate and Supply Company. No. 10, Feb. 16, 1927.....39-44
CORNUELLE, F. W.—Constructing a Gravel Washing Plant for Truck Service. No. 11, March 2, 1927.....85-86
CORSON, PHILIP L.—What's Ahead for 1927? No. 5, Dec. 8, 1926.....60-61
COSTS—Competition and Costs. *Edwin E. Dotter.* No. 12, Mar. 16, 1927..... 44
COUGHLAN, T. R., AND CO.—Three Minnesota Competitors Cooperate with Common Hydrating Lime Plant. *E. D. Roberts.* No. 1, Oct. 13, 1926.....75-80
COUPLINGS—Falk Flexible Couplings. No. 2, Oct. 27, 1926. 105
Fast's Flexible Coupling. No. 11, March 2, 1927..... 98
COX LIME AND STONE COMPANY—Cox Lime and Stone Builds Modern Plant Replacing One Destroyed by Fire. *E. D. Roberts.* No. 2, Oct. 27, 1926.....61-65
CRANES—Browning Truck Crane. No. 5, Dec. 8, 1926..... 99
Great Lakes Portland Cement Installs Mammoth Crane. No. 3, Nov. 10, 1926..... 110
New Universal Units. No. 1, Oct. 13, 1926..... 103
New Universal Units. No. 5, Dec. 8, 1926..... 98
Thaleg and Hock Tractocrane. No. 5, Dec. 8, 1926..... 107
CRAWLERS—Crawlers in Foreign Fields. No. 11, March 2, 1927 98
Mead-Morrison Crawler. No. 5, Dec. 8, 1926..... 97
New Belle City Crawler. No. 13, March 30, 1927..... 99
New Trackson Full-Crawler. No. 6, Dec. 22, 1926..... 100
CREDIT—Sources of Credit Information. No. 7, Jan. 5, 1927 90
How to Reduce Credit Losses. No. 6, Dec. 22, 1926..... 82
CRUSHED STONE—A Better Railroad Ballast. *F. J. Stimson.* No. 11, March 2, 1926.....71-72
Ballast Committee of A. R. E. A. Makes Report. No. 12, March 16, 1927..... 66

Page

Bituminous Road Construction. *R. W. Coburn.* No. 11, March 2, 1927.....73-77
Commercial Sizes of Broken Stone. *F. H. Jackson.* No. 10, February 16, 1927.....63-67
Consolidated Stone and Sand Company Applies Modern Methods to Plant. *F. A. Westbrook.* No. 4, Nov. 24, 1926.....73-76
Construction and Maintenance Progress in Bituminous Roads. *K. E. McConnaughay.* No. 12, March 16, 1927 76-78
Cooperation of Two Basic Industries. No. 10, Feb. 16, 1927 49-52
Cox Lime and Stone Builds Modern Plant Replacing One Destroyed by Fire. *E. D. Roberts.* No. 2, Oct. 27, 1926 61-65
Crushed Stone in Intermediate Type of Road Construction. *C. N. Connor.* No. 11, March 2, 1927.....87-91
Crushed Stone for Sewage Filters. *George B. Gascoigne.* No. 12, March 16, 1927.....57-60
Crushed Stone for Sewage Disposal and Water Purification Work. *William E. Stanley.* No. 10, Feb. 16, 1927 45-48
Fifth Annual Asphalt Paving Conference. No. 6, December 22, 1926.....79-82
France Stone Rushing New Plant. No. 6, Dec. 22, 1926. 39
Good Management Reflected in Details of Plant Operation and Routine. *F. A. Westbrook.* No. 12, March 16, 1927.....61-65
Increases Production with Small Cost. *E. D. Roberts.* No. 7, Jan. 5, 1927.....83-86
Leadership in the Quarry Industry. *R. N. Van Winkle.* No. 13, March 30, 1927.....61-63
Limestone for Sewage Filter Beds. No. 12, March 16, 1927 55
Minnesota Highway Department Knows Value of Well Organized Research. *F. C. Lang.* No. 13, March 30, 1927 60
More Engineer Crushed Stone Executives Needed for 1927. *R. N. Van Winkle.* No. 6, Dec. 22, 1926....47-50
New Lake Erie Limestone Company Plant Effects Greater Economies in Operation. *E. D. Roberts.* No. 1, Oct. 13, 1926.....51-56
Pittsfield Lime and Stone Company Improves Plant Efficiency. *F. A. Westbrook.* No. 8, Jan. 19, 1927..41-45
Problem of Constantly Increasing Demand Solved Repeatedly by this Company. *E. D. Roberts.* No. 3, Nov. 10, 1926.....57-60
Progress in the Crushed Stone Industry. *A. T. Goldbeck.* No. 9, Feb. 2, 1927.....87-90
Prospects for New Quarries in North Carolina. No. 6, December 22, 1926..... 50
Quarry Expense Turned into Profit. No. 8, Jan. 19, 1927 61-62
Research as an Aid to Efficiency. *Oliver Bowles.* No. 9, Feb. 2, 1927.....91-93
Rock Grinding Phenomena. *A. M. Gaudin.* No. 13, March 30, 1927.....67-72
Simplicity and Compactness Combined in Large Crushed Stone Plant. *E. D. Roberts.* No. 13, March 30, 1927 43-47
Some Stone Crushing Needs. *A. C. Deringer.* No. 7, Jan. 5, 1927..... 96
Stone Dust, Its Use and Preparation. *W. M. Weigel.* No. 10, Feb. 16, 1927.....53-58
Tenth Annual Crushed Stone Convention Reflects New Viewpoint in Industry. No. 9, Feb. 2, 1927.....51-78
The 1926 Model Crushed Stone Plant. *S. C. Hulse.* No. 6, December 22, 1926.....35-39
This Company Manages the Situation in an Interesting Manner. No. 1, Oct. 13, 1926.....81-84
This Lime Company Balances Operations with Surrounding Conditions. *F. A. Westbrook.* No. 6, Dec. 22, 1926 61-64
Transportation in the Quarry. *R. N. Van Winkle.* No. 11, March 2, 1926.....65-67
What's Ahead for 1927? No. 5, Dec. 8, 1926.....59-66
Wisconsin Mineral Aggregate Association Holds Eighth Annual Meeting. No. 6, Dec. 22, 1926.....86-87
CRUSHERS—Allis-Chalmers Builds Monster Crushers. No. 6, Dec. 22, 1926..... 105
Gruendler to Expand. No. 7, January 5, 1927..... 114
Kennedy Gyratory Crushers. No. 2, Oct. 27, 1926..... 103
New Rock Hog Crusher. No. 6, Dec. 22, 1926..... 97
New Symons Cone Crusher. No. 7, Jan. 5, 1927..... 116
Non-Clog Williams Crusher. No. 5, Dec. 8, 1926..... 110
The Gruendler Line. No. 8, Jan. 19, 1927..... 110
Traylor Blake Type Crusher. No. 10, Feb. 16, 1927..... 104
Traylor Improvements. No. 5, Dec. 8, 1926..... 100

D

Page

DAVIS, J. R.—Safety, A Sales Problem. No. 2, Oct. 27, 1926 59-60
DEATHS—A. W. Burchard Passes. No. 10, Feb. 16, 1927... 109
Arthur R. Wilfley Dies. No. 13, Mar. 30, 1927..... 94-95
E. C. Sooy Passes. No. 10, Feb. 16, 1927..... 103
I. T. Goodrich Passes. No. 10, Feb. 16, 1927..... 104
John J. Sloan. No. 8, Jan. 19, 1927..... 32
Thomas J. Neacy Passes. No. 6, Dec. 22, 1926..... 96
DERINGER, A. O.—Some Stone Crushing Needs. No. 7, Jan. 5, 1927..... 96
DETROIT LUBRICATOR COMPANY—Detroit Force Feed Oiler. No. 6, Dec. 22, 1926..... 98
DIAMOND POWER SPECIALTY CORP.—Diamond Power Specialty to Exhibit. No. 7, Jan. 5, 1927..... 115
Miniature Boiler Exhibit. No. 4, Nov. 24, 1926..... 105
DIAMONDS—Diamonds Used in Drilling. No. 7, Jan. 5, 1927 100
DIGEST—Pit and Quarry Foreign Digest. No. 1, Oct. 13, 1926 90-91
Pit and Quarry Foreign Digest. No. 2, Oct. 27, 1926...97-98
Pit and Quarry Foreign Digest. No. 3, Nov. 10, 1926.103-104
Pit and Quarry Foreign Digest. No. 4, Nov. 24, 1926...93-94
Pit and Quarry Foreign Digest. No. 6, Dec. 22, 1926...75-78
Pit and Quarry Foreign Digest. No. 7, Jan. 5, 1927..105-106
Pit and Quarry Foreign Digest. No. 8, Jan. 19, 1927.101-102
Pit and Quarry Foreign Digest. No. 10, Feb. 16, 1927.99-100
Pit and Quarry Foreign Digest. No. 11, Mar. 2, 1927..92-93
Pit and Quarry Foreign Digest. No. 12, Mar. 16, 1927.101-103
DINGS MAGNETIC SEPARATOR CO.—Dings Wins Title to Patent. No. 13, March 30, 1927..... 93
DIXIE MACHINERY MFG. CO.—Non-Clog Dixie Mill. No. 5, Dec. 8, 1926..... 102
DODGE MFG. CORP.—Dodge Power Equipment. No. 6, Dec. 22, 1926 98
DOLOMITE, INC.—Dolomite Incorporates. No. 8, Jan. 19, 1927 108
DOMESTIC ENGINE AND PUMP CO.—The Domestic Line. No. 1, Oct. 13, 1926..... 103
DOTTER, EDWIN E.—Competition and Costs. No. 12, March 16, 1927..... 44
DREDGE BOAT—Allegheny River Sand Corporation Using Metal Dredge Boat. No. 12, March 16, 1927..... 108
DREDGING—Developments in Hydraulic Handling of Sand and Gravel. *G. B. Massey.* No. 5, Dec. 8, 1926....91-93
Elmes Hydraulic Line. No. 7, Jan. 5, 1927..... 115
DRIFTERS—The CP-5 Drifter No. 1, Oct. 13, 1926..... 103
DRILLING—Diamonds Used in Drilling. No. 7, Jan. 5, 1927. 100
Development of the Diamond Drill. No. 7, Jan. 5, 1927. 82
New Drillers Hand Book by Armstrong. No. 13, Mar. 30, 1927..... 97
DRILLS—Armstrong Drills Located All Along Pacific Coast. No. 1, Oct. 13, 1926..... 102
Loomis Clipper Drills. No. 5, Dec. 8, 1926..... 107
New Rock Drill. No. 6, Dec. 22, 1926..... 96
DUFF MFG. CO.—Duff Pinion Puller and Jack. No. 6, Dec. 22, 1926..... 108
DUMP CARS—Extension Side Dump Car. No. 7, Jan. 5, 1927 114
Western Ten-Yard Dump Car Operated by Electricity. No. 6, Dec. 22, 1926..... 99
DU PONT DE NEMOURS, E. I., AND COMPANY—Du Pont Makes Appointments. No. 6, Dec. 22, 1926..... 103
Du Pont Moves N. Y. Office. No. 12, Mar. 16, 1927.... 106
Du Pont Holds Convention. No. 10, Feb. 16, 1927..... 105
DUST COLLECTING—Interesting Developments in Dust Collecting. No. 6, December 22, 1926..... 92
DUST COLLECTOR—Miscampbell Dust Collector. No. 6, Dec. 22, 1926..... 93
DUZIT AGITATING SCREEN CO.—The Duzit Screen. No. 10, Feb. 16, 1927..... 103
DYCKERHOFF, DR. WALTER—Study of the Reactions in Burning Crude Cement Mixtures. No. 13, March 30, 1927 49-54

E

EAGLE IRON WORKS—New Eagle Sand Washer. No. 5, Dec. 8, 1926..... 96
EBSARY, F. G.—What's Ahead for 1927? No. 5, Dec. 8, 1926 62
ECONOMY MACHINERY CO.—Economy Pumps. No. 6, Dec. 22, 1926..... 99
EDELBLUTE, T. H., CO.—The Anchor Track Brace. No. 1, Oct. 13, 1926..... 105
EDISON PORTLAND CEMENT CO.—Edison Cement Company Educates Foreign Born. No. 6, Dec. 22, 1926..... 60
EDUCATION—Edison Cement Company Educates Foreign Born. No. 6, Dec. 22, 1926..... 60
Motion Pictures in the Plant. No. 3, Nov. 10, 1926..... 106

Page

EDWARDS, A. C.—Ottawa Silica Company Doubles Capacity During the Present Year. No. 4, Nov. 24, 1926....65-72
Ottawa Silica Moulding Sand Company Reduces Cost of Production. No. 2, Oct. 27, 1926.....83-87
Pioneer in the Silica Sand Industry Keeps Plant Abreast of Times. No. 1, Oct. 13, 1926.....58-60
ELDREDGE, HARRY—The "Getting-By" Habit. No. 12, Mar. 16, 1927..... 56
ELECTRIC CONTROLLER AND MFG. CO.—Electric Controller Devices. No. 8, Jan. 19, 1927..... 109
ELKHART SAND AND GRAVEL CO.—Elkhart Sand and Gravel Will Erect New Plant. No. 6, Dec. 2, 1926..... 107
ELMES, CHARLES F., ENGINEERING WORKS—Elmes Hydraulic Line. No. 7, Jan. 5, 1927..... 115
Elmes Presses. No. 5, Dec. 8, 1926..... 104
EMERY, ALDEN H., AND J. J. FORBES—Sources of Dust in Coal Mines. No. 13, March 30, 1927.....83-86
EMPIRE SAND AND GRAVEL PRODUCERS—Empire Sand and Gravel Producers Hold Annual Meeting. No. 8, Jan. 19, 1927..... 45
EMPLOYMENT—Business and Employment Conditions. No. 11, Mar. 2, 1927..... 77
Employer and Employee. No. 1, Oct. 13, 1926..... 49
Employment Department Functions. No. 7, Jan. 5, 1927.. 96
Homes for Employees. No. 3, Nov. 10, 1926..... 56
Too Many Rules and Regulations. No. 2, Oct. 27, 1926... 47
ENDELL, K.—High Temperature on Hardened Cements. No. 6, Dec. 22, 1926.....55-60
ENGINES—Climax Engineering Company Issues New Bulletins. No. 8, Jan. 19, 1927..... 107
Hercules Engine. No. 6, Dec. 22, 1926..... 108
How Sludge Accumulates in the Oil Pan. *G. S. Hamilton.* No. 4, Nov. 24, 1926..... 104
Le Roi Merges the Beaver. No. 8, Jan. 19, 1927..... 107
New Climax Bulletin. No. 1, Oct. 13, 1926..... 101
New Novo Line. No. 7, Jan. 5, 1927..... 112
New Waukesha Motor. No. 7, Jan. 5, 1927..... 113
New Worthington Engine. No. 10, Feb. 16, 1927..... 106
Primm Engine Improvements. No. 6, Dec. 22, 1926..... 101
Waukesha Improvements. No. 5, Dec. 8, 1926..... 101
EQUIPMENT—Hetherington & Berner to Make Complete Line for Pit and Quarry. No. 13, Mar. 30, 1927.... 96
History File Valuable. No 6, Dec. 22, 1926..... 40
Jeffrey Issues New Catalog. No. 13, Mar. 30, 1927..... 98
New Koppel Bulletin. No. 10, Feb. 16, 1927..... 107
New Morrow Equipment. No. 3, Nov. 10, 1926..... 113
Obsolete versus Modern Equipment. No. 12, Mar. 16, 1927 82
Selection, Use and Care of Equipment. *W. H. Root.* No. 8, Jan. 19, 1927.....79-80
The Ingersoll-Rand Line. No. 3, Nov. 10, 1926..... 108
EQUIPMENT CORP. OF AMERICA—Equipment Corporation Moves. No. 4, Nov. 24, 1926..... 104
Equipment Corporation Will Be at Good Roads Show. No. 7, Jan. 5, 1927..... 117
EQUIPMENT, USED—Used Equipment Bulletin. No. 11, March 2, 1927 100
ERIE PUMP AND ENGINE WORKS—New Erie Pump. No. 6, Dec. 22, 1926..... 107
ERSTED MACHINERY MFG. CO.—Handbook of Hoisting Data. No. 3, Nov. 10, 1926..... 107
ESTELLE MINING CO.—Estelle Mining Company Produces Talc Under Unusual Conditions. No. 1, Oct. 13, 1926 91
ETCHELLS, JOAH. Joah Etchells Returns to Richard K. Meade. No. 13, Mar. 30, 1927..... 91
EXCAVATORS—Harnischfeger Excavator Design. No. 6, Dec. 22, 1926..... 97
Koehring Development. No. 5, Dec. 8, 1926..... 105
New Harnischfeger Excavators. No. 1, Oct. 13, 1926..... 100
New P & H Excavator. No. 5, Dec. 8, 1926..... 106
New P & H Excavator. No. 8, Jan. 19, 1927..... 108
The General Excavator. No. 10, Feb. 16, 1927..... 107
The Harnischfeger Excavator. No. 4, Nov. 24, 1926..... 102
The Insley Excavator. No. 10, Feb. 16, 1927..... 109
Type C Insley Excavator. No. 8, Jan. 19, 1927..... 110
EXPLOSIVES—Atlas Powder Developments. No. 6, Dec. 22, 1926 106
Detonation of Explosives. No. 10, Feb. 16, 1927..... 77
Development of Electric Shot Firing. No. 7, Jan. 5, 1927. 109
Developments in the Use of Explosives. No. 6, Dec. 22, 1926 40
Explosives Investigations. No. 9, Feb. 2, 1927..... 93
Handling Explosives. *F. F. McLaughlin.* No. 3, Nov. 10, 1926 89-92
Handling of Electric Detonators No. 9, Feb. 2, 1927..... 78
Progress of Electric Shot Firing. No. 6, Dec. 22, 1926... 45
Proper Manner of Capping Fuse. No. 12, Mar. 16, 1927.. 55
Properties of Gelatin Dynamites. No. 9, Feb. 2, 1927..... 93
Safety in Tamping. No. 10, Feb. 16, 1927..... 86
Safety of Cushioned Blasting. No. 10, Feb. 16, 1927..... 52
Safety of Explosives. No. 10, Feb. 16, 1927..... 62

Page
Selecting a Safe Detonator. No. 8, Jan. 19, 1927..... 91
Some Methods of Eliminating Hazards in Outside Shooting. No. 10, Feb. 16, 1927.....101-102
Study of Liquid Oxygen Explosives. No. 8, Jan. 19, 1927. 100
Types of Electric Detonators. No. 9, Feb. 2, 1927..... 102
Unexploded Charges in Drill Holes. No. 9, Feb. 2, 1927.. 102
Vibration in Quarry Operations as a Practical Legal Problem. *Harold Williams, Jr.* No. 10, Feb. 16, 1927 73-77
Vibrations Caused by Quarry Blasting and Their Effect Upon Structures. No. 9, Feb. 2, 1927..... 104
EXPOSITIONS—Chemical Industries Exposition. No. 11, Mar. 2, 1927..... 80
Review of Power Exposition. No. 7, Jan. 5, 1927..... 74
An International Welding Exposition. No. 1, Oct. 13, 1926 97

F

FAIRBANK, H. B., AND T. H. MACDONALD—Development of Improved Highways. No. 6, Dec. 22, 1926.....65-70
FALK CORP.—Falk Flexible Couplings. No. 2, Oct. 27, 1926.. 105
New Falk Speed Reducers. No. 13, Mar. 30, 1927..... 96
FANS—MacLeod-Keeney Exhaust Fans. No. 4, Nov. 24, 1926 101
FATE-ROOT-HEATH CO.—New Plymouth Locomotive. No. 5, Dec. 8, 1926..... 110
FELDSPAR—Adirondack Feldspar Company Operates Excellent Property in New York. No. 2, Oct. 27, 1926.....93-96
Where Feldspar Comes From. No. 5, Dec. 8, 1926..... 95
FIELD, F. C.—Sand and Gravel in Asphalt Pavements. No. 10, Feb. 16, 1927..... 68
FILTERS—American Continuous Filters. No. 11, March 2, 1927 99
Midwest Self-Cleaning Filter. No. 6, Dec. 22, 1926..... 98
New Air Filter. No. 6, Dec. 22, 1926..... 91
Northern Blower Equipment Installed at Peerless Plant. No. 8, Jan. 19, 1927..... 107
FINANCE—Bankers Predict 1926 Best Year. No. 1, Oct. 13, 1926 57
Credit Circulation is 500 Billion. No. 3, Nov. 10, 1926.... 92
New National Home Building Plan. No. 1, Oct. 13, 1926 50
Purchase Value of Dollar Fluctuates Only Five Per Cent in Five Years. No. 12, March 16, 1927..... 78
Savings Increase Billion and a Half. No. 12, Mar. 16, 1927 48
Ten Million Combination Forming. No. 10, Feb. 16, 1927 80
The Ten Per Cent Profit Principle. No. 7, Jan. 5, 1927... 95
World's Greatest Savers. No. 8, Jan. 19, 1927..... 74
FIRE LOSS—Annual Fire Loss Enormous. No. 6, Dec. 22, 1926 60
FIRE PREVENTION—Fire Equipment Needs Attention. No. 6, Dec. 22, 1926..... 45
FISCHER, W. W.—What's Ahead for 1927? No. 5, Dec. 8, 1926 60
FLORIDA PORTLAND CEMENT CO.—Cement Plant Development. No. 5, Dec. 8, 1926.....68-76
FLORY, S. MFG. CO.—New Flory Hoist. No. 5, Dec. 8, 1926.. 98
FLUORSPAR—Milling of Fluorspar Ores. No. 1, Oct. 13, 1926 80
Uses of Fluorspar. No. 4, Nov. 24, 1926..... 64
FOLEY, J. A.—What's Ahead for 1927? No. 5, Dec. 8, 1926. 64
FOOTE BROS. GEAR AND MACHINE CO.—Foote Appoints. No. 8, Jan. 19, 1927..... 107
New Foote Gear Reducers. No. 7, Jan. 5, 1927..... 117
Worm Gear Speed Reducers Developed by Foote. No. 12, Mar. 16, 1927..... 108
FORBES, J. J., AND ALDEN H. EMERY—Source of Dust in Coal Mines. No. 13, Mar. 30, 1927.....83-86
FOWLER AND PAY—Three Minnesota Competitors Cooperate With Common Hydrating Lime Plant. *E. D. Roberts.* No. 1, Oct. 13, 1926.....75-80
FRIEND, A. W.—Plant Lubrication. No. 6, Dec. 22, 1926..87-89
Plant Lubrication. Part II, No. 7, Jan. 5, 1927.....103-104
FULL-CRAWLER COMPANY—New Trackson Full-Crawler. No. 6, December 22, 1926..... 100
FUNDUM HOIST AND SHOVEL COMPANY—Fundum Shovel. No. 5, Dec. 8, 1926..... 101

G

GASCOIGNE, GEORGE B.—Crushed Stone for Sewage Filters. No. 12, March 16, 1927.....57-60
GAUDIN, A. M.—Rock Grinding Phenomena. No. 13, March 30, 1927 67-72
GAY, RUPERT M., COMPANY, INC.—Gay Improves Its Separator. No. 5, Dec. 8, 1926..... 97
GEIGER, C. W.—All Western Roads Show a Success. No. 2, Oct. 27, 1926.....89-92
GENERAL ELECTRIC CO.—Arc Welding Apparatus. No. 1, Oct. 13, 1926..... 106
Fifty Thousand Dollars for Suggestions. No. 13, March 30, 1927 91
Gas Engine Driven Welder Announced by G. E. No. 12, March 16, 1927..... 107
G. E. Air Compressors. No. 7, Jan. 5, 1927..... 117
General Electric Enclosed Fan-Cooled Motor. No. 4, Nov. 24, 1926 108
G. E. Motorized Power. No. 6, December 22, 1926..... 102
G. E. Steel Switchboards. No. 11, Mar. 2, 1927..... 98
G. E. Turbines. No. 7, January 5, 1927..... 117
New Arc Welding Bulletin. No. 8, Jan. 19, 1927..... 111
New Dust Proof Compensator. No. 11, Mar. 2, 1927..... 96
New G. E. Developments. No. 12, March 16, 1927..... 106
New G. E. Motors. No. 11, March 2, 1927..... 100
New Type Welding Electrode. No. 13, March 30, 1927... 98
Tractor Welding Units. No. 1, Oct. 13, 1926..... 96
Two New Electric Motor Developments. No. 1, Oct. 13, 1926 97
Using Electricity for Heat. No. 1, Oct. 13, 1926..... 105
GENERAL EXCAVATOR COMPANY—The General Excavator. No. 10, Feb. 16, 1927..... 107
GILKEY, HERBERT J.—Concrete a Field for Needed Research. No. 12, March 16, 1927.....90-92
GLASS—A Glass Substitute. No. 13, March 30, 1927..... 47
GOODWIN-GALLAGHER SAND AND GRAVEL CORPORATION—Four Million Tons of Sand and Gravel Produced Annually by this Company. *F. A. Westbrook.* No. 11, March 2, 1927 47-55
GOODRICH, B. F., COMPANY—New Goodrich V Type Belt. No. 8, Jan. 19, 1927..... 111
GOLDBECK, A. T.—Bituminous Macadam Pavements. No. 8, Jan. 19, 1927..... 100
Financial Aspects of the Safety Movement in the Crushed Stone Industry. No. 3, Nov. 10, 1926.....72-74
Progress in the Crushed Stone Industry. No. 9, Feb. 2, 1927 87-90
GRAPHITE—Uses of Graphite. No. 5, Dec. 8, 1926..... 86
GRANITE—Swenson Brothers Apply Good Engineering to a New Hampshire Granite Operation. *F. A. Westbrook.* No. 1, Oct. 13, 1926.....67-74
GRATES, BOILER—Thomas W. S. D. Grates. No. 6, Dec. 22, 1926 103
GRAVEL—Constructing a Gravel Washing Plant for Truck Service. *F. W. Cornuelle.* No. 11, Mar. 2, 1927.....85-86
Gravel Inspecting Methods in Michigan. *R. L. Morrison.* No. 11, Mar. 2, 1927.....81-84
GRAVES, OTHO M.—What's Ahead for 1927? No. 5, Dec. 8, 1926 62
GREAT LAKES PORTLAND CEMENT CO.—A. L. Beck and M. H. Hammond Designed Great Lakes Portland Cement Plant. No. 6, Dec. 22, 1926..... 74
Cement Plant Development. No. 5, Dec. 8, 1926.....77-78
Great Lakes Portland Cement Installs Mammoth Crane. No. 3, Nov. 10, 1926..... 110
GREEN MOUNTAIN LIME CO.—Green Mountain Lime Company to Rebuild. No. 2, Oct. 27, 1926.....99-100
GREENSTONE GRANULES—Produce Greenstone Granules. No. 1, Oct. 13, 1926..... 80
GRIZZLIES—Telsmith Rotary Grizzly. No. 5, Dec. 8, 1926.... 110
GRUENDLER PATENT CRUSHER AND PULVERIZER COMPANY—Gruendler to Expand. No. 7, Jan. 5, 1927..... 114
The Gruendler Line. No. 8, Jan. 19, 1927..... 110
GUTLOHN, DR.—Talc. No. 4, Nov. 24, 1926.....83-84
GYPSUM—Atlantic Gypsum Elects. No. 13, March 30, 1927 97
Canada Gypsum Heavily Consumed. No. 5, Dec. 8, 1926 95
Developments in the Gypsum Industry. *H. J. Schweim.* No. 5, Dec. 8, 1926.....94-95
Gypsum History a Great Romance. *H. J. Schweim.* No. 2, Oct. 27, 1926 66-68
Gypsum Lath in Bundles. No. 10, Feb. 16, 1927..... 72
Gypsum Producers Consolidate. No. 7, Jan. 5, 1927..... 106
Gypsum Rock Used for Hotel Flooring. No. 13, March 30, 1927 54
Natural Resources of Pike's Peak Region Varied in Nature. No. 13, March 30, 1927..... 88
Pit and Quarry Foreign Digest. No. 6, Dec. 22, 1926..75-78
Production of Sulfurous Acid from Gypsum. *Prof. Bernhard Neuman.* No. 12, March 16, 1927.....49-55
What's Ahead for 1927? No. 5, Dec. 8, 1926.....59-66

H

HADDOW, HUGH, JR.—What's Ahead for 1927? No. 5, Dec. 8, 1926..... 65
HAISS, GEORGE, MFG. CO.—Haiss at Western Show. No. 1, Oct. 13, 1926..... 99
Haiss Loader Operating at Gravel Plant. No. 3, Nov. 10, 1926 114
HALL, M. F.—What's Ahead for 1927? No. 5, Dec. 8, 1926 64
HAMILTON, G. S.—How Sludge Accumulates in the Oil Pan. No. 4, Nov. 24, 1926..... 104

Page

HARDSOCG PROMOTION CO.—New Rock Drill. No. 6, Dec. 22, 1926 96
HARNISCHFEGER CORP.—Harnischfeger Excavator Design. No. 6, Dec. 22, 1926..... 97
New Harnischfeger Excavators. No. 1, Oct. 13, 1926.... 100
New Harnischfeger Machine. No. 12, March 16, 1927.... 106
New P & H Excavator. No. 5, Dec. 8, 1926..... 106
New P & H Excavator. No. 8, Jan. 19, 1927..... 108
P & H Conveyor. No. 13, March 30, 1927..... 92
New Harnischfeger Excavators. No. 4, Nov. 24, 1926. 102
HARTFORD SAND AND STONE COMPANY—Individuality Expressed in This Plant. *F. A. Westbrook.* No. 7, Jan. 5, 1927 63-69
HARRIS, C. P.—Developments in Fused Aluminous Cements. No. 5, Dec. 8, 1926.....87-90
HAWKINS, T. V.—Union Rock Material Handling System Speeds Up Delivery to Job. No. 12, March 16, 1927..73-75
HAYWARD COMPANY—Hayward Drag Line Buckets. No. 7, Jan. 5, 1927..... 112
New Hayward Bucket. No. 13, March 30, 1927..... 92
HEAT—Using Electricity for Heat. No. 1, Oct. 13, 1926.... 105
HETHERINGTON AND BERNER—Hetherington and Berner to Make Complete Line for Pit and Quarry. No. 13, March 30, 1927..... 96
HEIL COMPANY—Heil Makes Appointments. No. 6, Dec. 22, 1926 94
HELGERSON FOUNDRY COMPANY—Helgerson Tractor. No. 5, Dec. 8, 1926..... 99
HERCULES MOTORS CORP.—Hercules Engine. No. 6, Dec. 22, 1926 108
Hercules Motors Personnel. No. 8, Jan. 19, 1927..... 109
HERCULES POWDER COMPANY—Hercules Company Creates Development Department. No. 4, Nov. 24, 1926..... 106
HIGHWAYS—Bituminous Macadam Pavements. *A. T. Goldbeck.* No. 8, Jan. 19, 1927..... 100
Bituminous Road Construction. No. 11, Mar. 2, 1927....73-77
Canada Is Building Roads. No. 13, March 30, 1927..... 76
Comments on Concrete Road Construction. No. 13, Mar. 30, 1927 77-82
Construction and Maintenance Progress in Bituminous Roads. No. 12, Mar. 16, 1927.....76-78
Control of Materials and Results. *H. S. Mattimore.* No. 8, Jan. 19, 1927.....89-91
Development of Improved Highways. *T. H. MacDonald* and *H. B. Fairbank.* No. 6, December 22, 1926.....65-70
Discuss Road Improvements in Washington This Month. No. 3, Nov. 10, 1926..... 112
Highway Construction in Panama Progressing Satisfactorily. No. 13, March 30, 1927..... 82
Highways in Roumania. No. 13, March 30, 1927..... 59
Highway Research Board to Hold Meeting. No. 1, Oct. 13, 1926 108
Important Research Board Meeting Planned for December. No. 3, Nov. 10, 1926..... 98
Mineral Aggregates for Highways. No. 10, Feb. 16, 1927.78-80
Out of the Mud With Lime. No. 4, Nov. 24, 1926..... 107
Predicts Completion of Federal Aid Within Next Two Years. No. 3, Nov. 10, 1926..... 71
Recent Highway Research Developments. *E. F. Kelley.* No. 8, Jan. 19, 1927.....71-74
State or Contractor Material Control. *A. F. Johnson.* No. 8, Jan. 19, 1927.....46-48
Texas May Change Highway Plan. No. 12, March 16, 1927 92
The Highway Situation in Mexico. *Andres Oritz, C. E.* No. 8, January 19, 1927.....86-88
Traffic Congestion Costs Excessive More Than One and a Half Billion. No. 3, Nov. 10, 1926..... 74
Ultimate Highway Development. *Ben H. Petty.* No. 8, Jan. 19, 1927.....81-85 and 106
HILL CLUTCH MACHINE AND FOUNDRY COMPANY—Hill Speed Transformer. No. 6, December 22, 1927..... 107
HINKLEY MOTORS & PARTS CORP.—Hinkley Motors & Parts Succeeds Hinkley Motors. No. 1, Oct. 13, 1926..... 105
HOISTING—Handbook of Hoisting Data. No. 3, Nov. 10, 1926 107
HOISTS—Lidgerwood Gasoline Hoists. No. 6, Dec. 22, 1926 104
Lo-Hed Hoists. No. 1, Oct. 13, 1926..... 97
New Flory Hoist. No. 5, Dec. 8, 1926..... 98
New Novo Hoist. No. 1, Oct. 13, 1926..... 103
New Wood Hydraulic Unit. No. 6, December 22, 1926... 106
White Tractor Hoist. No. 5, Dec. 8, 1926..... 101
Wonder Drum Hoists. No. 13, March 30, 1927..... 97
HORTON MFG. CO.—New Rock Hog Crusher. No. 6, Dec. 22, 1926 97
HOUSE ORGANS—The Backbone of House Organs. No. 11, Mar. 2, 1927..... 45
HUGRON, M. G.—Manufacture of Slag Cement. No. 12, March 16, 1927.....39-43
HULSE, S. C.—The 1926 Model Crushed Stone Plant. No. 6, December 22, 1926.....35-39

Page

HYDRATOR—The Schulthess Hydrator. No. 3, Nov. 10, 1926 113
HYDRAULIC MACHINERY—Elmes Hydraulic Line. No. 7, Jan. 5, 1927 115

I

IDEAL ELECTRIC AND MFG. CO.—Ideal Induction Motor. No. 5, Dec. 8, 1926..... 98
IDAHO LIME AND MARBLE COMPANY—Idaho Lime Company Develops Rapidly. No. 3, Nov. 10, 1926.....99-101
ILLINOIS VALLEY SILICA SAND COMPANY—Pioneer in the Silica Sand Industry Keeps Plant Abreast of Times. *A. C. Edwards.* No. 1, Oct. 13, 1926.....58-60
IMPORTING—Importing Foreign Cement and Exporting American Prosperity. No. 4, Nov. 24, 1926.....77-79
INCORPORATIONS—New Incorporations. No. 1, Oct. 13, 1926 98
New Incorporations. No. 2, Oct. 27, 1926..... 101
New Incorporations. No. 3, Nov. 10, 1926..... 109
New Incorporations. No. 4, Nov. 24, 1926..... 101
New Incorporations, No. 5, Dec. 8, 1926..... 104
New Incorporations. No. 6, Dec. 22, 1926..... 95
New Incorporations. No. 7, Jan. 5, 1927..... 117
New Incorporations. No. 8, Jan. 19, 1927..... 109
New Incorporations. No. 9, Feb. 2, 1927..... 105
New Incorporations. No. 10, Feb. 16, 1927..... 103
New Incorporations. No. 11, Mar. 2, 1927..... 95
New Incorporations. No. 12, Mar. 16, 1927..... 109
New Incorporations. No. 13, Mar. 30, 1927..... 93
INDIANA LIMESTONE COMPANY—Indiana Limestone to Offer Stock to Employees Next Year. No. 6, December 22, 1926 64
INDUSTRY—Another Reason Why Prosperity Is Ahead. No. 6, December 22, 1926..... 34
Current Trend by Divisions. No. 1, Oct. 13, 1926..... 108
Price or Profits? No. 6, December 22, 1926..... 34
Progressive Movement in New England. No. 6, December 22, 1926..... 33
Psychology Applied to Industry. No. 4, Nov. 24, 1926...49-50
When Securities Are Unsafe. No. 8, January 19, 1927.... 104
INGERSOLL-RAND CO.—Cameron Centrifugal Pumps. No. 4, Nov. 24, 1926..... 103
New Air Driven Portable Hand Saw. No. 13, March 30, 1927 92
The Ingersoll-Rand Line. No. 3, Nov. 10, 1926..... 108
INSLEY MFG. CO.—The Insley Excavator. No. 10, Feb. 16, 1927 109
Type C Insley Excavator. No. 8, Jan. 19, 1927..... 110
INSURANCE—U. S. Insurance is 189 Billion. No. 2, Oct. 27, 1926 80
INTERSTATE EQUIPMENT CORP.—Interesting Aerial Tramway. No. 6, December 22, 1926..... 92

J

JACKS—Duff Pinion Puller and Jack. No. 6, December 22, 1926 108
JACKSON, F. H.—Commercial Sizes of Broken Stone. No. 10, Feb. 16, 1927.....63-67
JEFFREY MFG. CO.—Jeffrey Fiftieth Anniversary. No. 8, January 19, 1927..... 111
Jeffrey Issues New Catalog. No. 13, March 30, 1927..... 98
JOHNSON, A. F.—State or Contractor Material Control. No. 8, Jan. 19, 1927.....46-48
JOHNSON, A. N.—Comments on Concrete Road Construction. No. 13, March 30, 1927.....77-82
JOINTA LIME COMPANY—Two Eastern Lime Companies Elect Officers. No. 13, March 30, 1927..... 94
JONESVILLE SAND AND GRAVEL COMPANY—Minor Adjustments Increase Production for Jonesville Sand and Gravel Company. *E. D. Roberts.* No. 8, Jan. 19, 1927 65-70

K

KASSLER, HEINRICH—New Alumina Production Process. No. 10, Feb. 16, 1927..... 62
KEASBEY & MATTISON COMPANY—Quarry Expense Turned Into Profit. No. 8, Jan. 19, 1927.....61-62
KELLEY, E. F.—Recent Highway Research Developments. No. 8, Jan. 19, 1927.....71-74
KENNEDY, RICHARD, AND COMPANY—Richard Kennedy Looks After Details in Sand and Gravel Operation. *F. A. Westbrook.* No. 13, March 30, 1927.....55-59
KENNEDY-VAN SAUN MFG. CO.—Kennedy Gyratory Crusher. No. 2, Oct. 27, 1926..... 103
KENSINGTON STEEL COMPANY—Oro Manganese Steel. No. 13, Mar. 30, 1927..... 91
KENT MACHINE COMPANY—Kent Transmission Machinery. No. 10, Feb. 16, 1927..... 106
KEYSTONE PORTLAND CEMENT CO.—Keystone Portland Cement Selects Engineers. No. 13, March 30, 1927... 99

Page

KINNEY, W. M.—Kinney Says Hoover Code Committee Saved Florida Many Millions. No. 3, Nov. 10, 1926 71
KIRCHNER, JULIUS—Importance of Lime Kiln Control to Ammonia Soda Manufacture. No. 11, March 2, 1927.78-80
KOEHRING CO.—Koehring Development. No. 5, Dec. 8, 1926 105
Koehring to Exhibit Shovel. No. 7, Jan. 5, 1927..... 116
Koehring Shovel With Power Dipper Trip. No. 6, December 22, 1926..... 92
KOMNICK MACHINERY CO.—The Komnick Process. No. 5, Dec. 8, 1926.....103-104
KOPPEL INDUSTRIAL CAR AND EQUIPMENT CO.—New Koppel Bulletin. No. 10, Feb. 16, 1927..... 107
KRAUSE, E. J.—What's Ahead for 1927? No. 5, Dec. 8, 1926 62
KRIEGE, H. F.—Relation of Fineness of Agstone to Its Rate of Solubility. No. 10, February 16, 1927.....87-90
KÜHL, PROF. HANS—Testing of Cement on a Small Scale Applied to Cement Burning Process. No. 8, Jan. 19, 1927 49-56

L

LAKE ERIE LIMESTONE CO.—New Lake Erie Limestone Company Plant Effects Greater Economies in Operation. *E. D. Roberts.* No. 1, Oct. 13, 1926.....51-56
LANG, F. C.—Minnesota Highway Department Knows Value of Well Organized Research. No. 13, March 30, 1927 60
LANSBURGH, R. H.—Safety in Cement and Quarry Industries. No. 3, Nov. 10, 1926.....93-94
LEHIGH PORTLAND CEMENT CO.—Two Cement Plants Finish Year Without a Single Accident. No. 8, Jan. 19, 1927 80
LEE, GEORGE—Development of Electric Shovels. No. 5, Dec. 8, 1926 81-86
LEGISLATION—Uniform Mechanics' Lien Act Drafted for All State Legislatures. No. 4, Nov. 24, 1926.....95-96
LEICESTER LIME CORP.—Leicester Lime Corporation of Vermont Uses Good Management in Production. *F. A. Westbrook.* No. 3, Nov. 10, 1926.....67-71
LEROY LIME AND CRUSHED STONE CORP.—Problem of Constantly Increasing Demand Solved Repeatedly by This Company. *E. D. Roberts.* No. 3, Nov. 10. 1926 57-60
LEWISVILLE CEMENT CO.—Louisville Cement Awarded Certificate for Exceptional Safety Record. No. 12, Mar. 16, 1927..... 96
LIDGERWOOD MFG. CO.—Lidgerwood Gasoline Hoists. No. 6, Dec. 22, 1926..... 104
LIGNITE—Use of Powdered Lignite. No. 7, Jan. 5, 1927.... 110
LIME—A Systematically Arranged Lime Plant. *F. A. Westbrook.* No. 7, January 5, 1927.....87-90
Chemical Society to Hear About Lime. No. 12, March 16, 1927 94
Cooperation of Two Basic Industries. *C. R. Stokes.* No. 10, February 16, 1927.....49-52
Cox Lime and Stone Builds Modern Plant Replacing One Destroyed by Fire. *E. D. Roberts.* No. 2, Oct. 27, 1926 61-65
Free Lime Content of Hydraulic Cement. No. 6, Dec. 22, 1926 73-74
Free Lime in Portland Cement. No. 10, Feb. 16, 1927.... 98
First Symposium on Lime. No. 12, March 16, 1927..... 80
Green Mountain Lime Company to Rebuild. No. 2, Oct. 27, 1926 99-100
Idaho Lime Company Develops Rapidly. No. 3, Nov. 10, 1926 99-101
Importance of Lime Kiln Control to Ammonia Soda Manufacture. *Julius Kirchner.* No. 11, Mar. 2, 1927.78-80
Leicester Lime Corporation of Vermont Uses Good Management in Production. *F. A. Westbrook.* No. 3, Nov. 10, 1926.....67-71
Lime Assumes Important Position at Chemical Society Meeting. No. 13, March 30, 1927.....89-90
Lime in Slag Cements. No. 10, Feb. 16, 1927..... 102
Lime to Be Subject at Spring Meeting of American Chemical Society. No. 9, Feb. 2, 1927..... 78
Modern Grinding and Screening Systems in the Production of Lime. *Prof. Ernst Blau.* No. 7, Jan. 5, 1927.91-94
Mohawk Limestone Products to Add New Unit. No. 1, Oct. 13, 1926..... 106
Moores Lime Company Improves Plant. *E. D. Roberts.* No. 6, December 22, 1926.....51-54
New Lake Erie Limestone Company Plant Effects Greater Economies in Operation. *E. D. Roberts.* No. 1, Oct. 13, 1926.....51-57
Out of the Mud With Lime. No. 4, Nov. 24, 1926..... 107
Pittsfield Lime and Stone Company Improves Plant Efficiency. *F. A. Westbrook.* No. 8, Jan. 19, 1927.....41-45
Present Status of Agricultural Liming in the Middle West. *G. P. Walker.* No. 12, Mar. 16, 1927..... 104
Problem of Constantly Increasing Demand Solved Repeatedly by This Company. *E. D. Roberts.* No. 3. Nov. 10, 1926.....57-60

Page

Radical Plant Changes Bring Results to Ohio Hydrate and Supply Company. *Frank E. Coombs.* No. 10, Feb. 16, 1927.....39-44
Recent Improvements Broaden the Market for Whiterock Quarries. No. 3, Nov. 10, 1926.....83-87
Recent Lime Developments. No. 6, December 22, 1926...83-85
Sales of Lime in 1926. No. 10, Feb. 16, 1927..... 86
Superior Lime and Hydrate Company Keeps Pace With Market Demand. No. 7, Jan. 5, 1927.....107-109
This Lime Company Balances Operations With Surrounding Conditions. *F. A. Westbrook.* No. 6, Dec. 22, 1926 61-64
Three Minnesota Competitors Cooperate With Common Hydrating Lime Plant. *E. D. Roberts.* No. 1, Oct. 13, 1926 75-80
Two Eastern Lime Companies Elect Officers. No. 13, March 30, 1927..... 94
Unnecessary Strength. No. 4, Nov. 24, 1926..... 104
What's Ahead for 1927. No. 5, Dec. 8, 1926.....59-66
LIMESTONE—Bessemer Limestone and Cement Company Makes Improvements in Methods. *E. D. Roberts.* No. 4, Nov. 24, 1926.....51-60
Calcining of Small Limestone. No. 1, Oct. 13, 1926..... 74
More Limestone Tonnage Being Produced by Underground Mining Methods. No. 13, March 30, 1927.... 48
This Company Manages the Situation in an Interesting Manner. No. 1, Oct. 13, 1926.....81-84
LINCOLN STEEL COMPANY—Koro Welding Rods. No. 3, Nov. 10, 1926 114
LINCOLN ELECTRIC CO.—Lincoln Arc Welder. No. 5, Dec. 8, 1926 105
New Arc Welding Machine. No. 10, Feb. 16, 1927..... 104
New Butt Welding Machine. No. 13, Mar. 30, 1927..... 95
New Electric Welding Manual. No. 12, Mar. 16, 1927.... 109
New Text Book on Welding by Lincoln Company. No. 6, Dec. 22, 1926..... 106
The Lincoln Arc Welder. No. 2, Oct. 27, 1926..... 103
LINCOLN SAND AND GRAVEL COMPANY—Past Experience Dictates Plant Changes for Lincoln Sand and Gravel Company. *E. D. Roberts.* No. 12, March 16, 1927..83-86
LINING WALLS—New Anchoring Method for Lining Walls. No. 11, March 2, 1927..... 102
LINK-BELT CO.—Link-Belt Increases Range of Stock Drives. No. 3, Nov. 10, 1926..... 110
Link-Belt Road Show Exhibit. No. 6, Dec. 22, 1926..... 91
New Link-Belt Screen. No. 4, Nov. 24, 1926..... 108
New Link-Belt Shovel. No. 11, March 2, 1927..... 100
LITTLE FALLS SAND AND GRAVEL COMPANY—Sand and Gravel Neighbors Compared. *George Ransom.* No. 7, Jan. 5, 1927.....75-82
LIVINGSTON, ARTHUR—Market Analysis. No. 12, March 16, 1927 67-69
LOADERS—New Box Car Loader. No. 1, Oct. 13, 1926..... 98
Haiss Loader Operating at Gravel Plant. No. 3, Nov. 10, 1926..... 114
New Manierre Loader. No. 5, Dec. 8, 1926..... 97
LOCOMOTIVES—Brookville Locomotives. No. 5, Dec. 8, 1926 105
New Milwaukee Locomotive. No. 6, December 22, 1926.. 99
New Plymouth Locomotive. No. 5, Dec. 8, 1926..... 110
LOOMIS MACHINE CO.—Loomis Clipper Drills. No. 5, Dec. 8, 1926..... 107
LOUISVILLE CEMENT COMPANY—Another Brixment Mill Completed by Louisville Cement Company. No. 10, Feb. 16, 1927.....59-61
Louisville Cement Awarded Certificate for Exceptional Safety Record. No. 12, March 16, 1927..... 96
LUBRICATION—Detroit Force Feed Oiler. No. 6, Dec. 22, 1926 98
How to Lubricate the Climax. No. 1, Oct. 13, 1926..... 102
Lubrication of Machinery. No. 8, Jan. 19, 1927..... 64
Plant Lubrication. *A. W. Friend.* No. 6, Dec. 22, 1926.87-89
Plant Lubrication. Part II. *A. W. Friend.* No. 7, Jan. 5, 1927.....103-104

M

MACADAM—Bituminous Macadam Pavements. No. 8, Jan. 19, 1927..... 100
MACLEOD CO.—Macleod-Kenney Exhaust Fans. No. 4, Nov. 24, 1926..... 101
MACDONALD, T. H., AND A. B. FAIRBANK—Development of Improved Highways. No. 6, Dec. 22, 1926.....65-70
MACNEAL, DONALD B.—MacNeal Issues Bulletin. No. 8, Jan. 19, 1927..... 110
MAGNETIC MFG. CO.—Magnetic Pulley Bulletin. No. 1, Oct. 13, 1926..... 101
MAINE SAND AND GRAVEL CO.—The Maine Sand and Gravel Company Operates an Efficient Plant at Portland. *F. A. Westbrook.* No. 1, Oct. 13, 1926.....85-89

Page

MANAGEMENT—Analyzing the Human Factor. *R. N. Van Winkle.* No. 4, Nov. 24, 1926.....61-64
Arbitration Campaign Started. No. 8, Jan. 19, 1927..... 40
Are You Going Half Way? No. 13, March 30, 1927... 42
Booster Clubs. No. 4, Nov. 24, 1926..... 50
Development in Industrial Standardization During 1926. No. 8, Jan. 19, 1927.....103-104
Edison Cement Company Educates Foreign-Born. No. 6, December 22, 1926..... 60
Executives Often at Fault. No. 10, Feb. 16, 1927.....37-38
Good Housekeeping. No. 11, March 2, 1927..... 46
Hand to Mouth Buying a Blessing. No. 8, Jan. 19, 1927. 106
Hand to Mouth Buying Beneficial. No. 11, March 2, 1927 46
Hercules Company Creates Development Department. No. 4, Nov. 24, 1926..... 106
How to Be a Failure. No. 8, January 19, 1927..... 102
Indiana Limestone to Offer Stock to Employees Next Year. No. 6, Dec. 22, 1926..... 64
Keeping Employees Healthy. No. 8, Jan. 19, 1927..... 31
Lesson Contained in Five-Day Week Talk. No. 8, Jan. 19, 1927..... 32
Magic in Our Buying Power. No. 11, March 2, 1927.... 86
Making Employees Partners. No. 7, Jan. 5, 1927..... 94
Medical Examination for Executives. No. 10, Feb. 16, 1927 38
More About Foreman Selection. No. 10, Feb. 16, 1927... 37
More Engineer Crushed Stone Executives Needed for 1927. *R. N. Van Winkle.* No. 6, December 22, 1926.47-50
Psychology Applied to Industry. No. 4, Nov. 24, 1926...49-50
Source of Profits. No. 11, March 2. 1927..... 55
Suggestions from Employees. No. 2, Oct. 27, 1926..... 48
"Tattle Tale" or "Charity Worker." No. 8, Jan. 19, 1927 62
The "Getting By" Habit. *Harry Eldredge.* No. 12, Mar. 16, 1927..... 56
There Is a Limit to Salvage Economy. No. 12, Mar. 16, 1927..... 89
Thoughtful Tips. No. 12, Mar. 16, 1927..... 104
Trend in Strikes Is Downward. No. 10, Feb. 16, 1927.... 38
Two Cement Plants Finish Year Without a Single Accident. No. 8, Jan. 19, 1927..... 80
Wage Payment Method Survey. No. 6, December 22, 1926 71-72
Your Costs and Prices. No. 13, March 30, 1927.....41-42
1926 Automobile Production Ahead. No. 6, Dec. 22, 1926 85
MANGANESE STEEL FORGE CO.—Heavy Rol-Man Screen. No. 7, Jan. 5, 1927..... 115
MANIERRE ENGR. AND MACHINERY CO.—New Manierre Loader. No. 5, Dec. 8, 1926..... 97
MANKATO LIME WORKS—Three Minnesota Competitors Cooperate With Common Hydrating Lime Plant. *E. D. Roberts.* No. 1, Oct. 13, 1926.....75-80
MANN COMPANY, INC.—Now Mann Company, Inc. No. 11, March 2, 1927..... 101
MARBLE—Centralized Unit Compressed Air Plant Reduces Operating Costs. *George Ransom.* No. 4, Nov. 24, 1926 80-82
Idaho Lime Company Develops Rapidly. No. 3, Nov. 10, 1926 99-101
Various Stains Removed from Marble by Bureau of Standards. No. 10, Feb. 16, 1927..... 90
What's Ahead for 1927. No. 5, Dec. 8, 1926.....59-66
MARKET—Market Analysis. Arthur Livingston. No. 12, Mar. 16, 1927.....67-69
MARKETS—Industrial Markets Are Not What They Used to Be. No. 12, March 16, 1927..... 38
MARKMAN, JOHN—Measures Aggregate by Weight. No. 2, Oct. 27, 1926..... 104
MASSEY, G. B.—Developments in Hydraulic Handling of Sand and Gravel. No. 5, Dec. 8, 1926.....91-93
Quarry Shovels of the Past and Present. No. 2, Oct. 27, 1927 74-76
MATTIMORE, H. S.—Control of Materials and Results. No. 8, Jan. 19, 1927.....89-91
MAYER, JAMES L., AND FREDERICK E. OSWALD—Mayer & Oswald Open Office in Chicago. No. 10, Feb. 16, 1927.. 103
McCONNAUGHAY, K. E.—Construction and Maintenance Progress in Bituminous Roads. No. 12, March 16, 1927 76-78
McGANN MFG. CO.—The Schulthess Hydrator. No. 3, Nov. 10, 1926 113
McGARRY, W. J.—Transportation Problem as Related to Sand and Gravel Industry. No. 11, March 2, 1927...68-70
Transportation Preparedness. No. 10, Feb. 16, 1927.....84-86
McGRATH, T. E.—What's Ahead for 1927? No. 5, Dec. 8, 1926 65
McKENZIE, C. L.—What's Ahead for 1927? No. 5, Dec. 8, 1926 62
McLAUGHLIN, F. F.—Handling Explosives. No. 3, Nov. 10, 1926 89-92

Page

McLAUGHLIN, JOSEPH, COMPANY—Detachable Auger Bit. No. 5, Dec. 8, 1926..... 107
McMILLAN, F. R.—The Water Cement Ratio and Density of Concrete. No. 13, March 30, 1927.....73-76
McMYLER INTERSTATE COMPANY—New McMyler Shovel. No. 1, Oct. 13, 1926..... 101
MEADE, RICHARD K., AND COMPANY—Keystone Portland Cement Selects Engineers. No. 13, March 30, 1927... 99
New Jersey Lime Products Plant Near Completion. No. 13, March 30, 1927..... 99
MEAD-MORRISON MFG. CO.—Mead-Morrison Crawler. No. 5, Dec. 8, 1926..... 97
MERCURY—World's Largest Mercury Deposit. No. 7, Jan. 5, 1927 82
METERS—An Improved Flow Meter. No. 1, Oct. 13, 1926... 106
MIAMI TRAILER-SCRAPER CO.—Miami Industrial Trailer. No. 7, Jan. 5, 1927..... 113
Miami Trailers and Scrapers. No. 5, Dec. 8, 1926..... 99
New Miami Scraper Booklet. No. 13, March 30, 1927.... 97
MICA—Technology of Mica. No. 1, Oct. 13, 1926..... 80
MIDWEST AIR FILTERS, INC.—Midwest Self-Cleaning Filter. No. 6, December 22, 1926..... 98
MIDWEST LOCOMOTIVE WORKS—Mid-West Demonstrates. No. 4, Nov. 24, 1926..... 107
MILBURN, ALEXANDER, COMPANY—An Improved Gas Cutting Torch. No. 2, Oct. 27, 1926..... 104
Milburn Developments. No. 5, Dec. 8, 1926..... 98
New Milburn Cutting Torch. No. 10, Feb. 16, 1927..... 105
New Milburn Paint Spray. No. 12, March 16, 1927..... 108
MILLS, BALL AND TUBE—Patterson Ball and Tube Mills. No. 11, March 2, 1927..... 99
MILLS, HAMMER—Non-Clog Dixie Mill. No. 5, Dec. 8, 1926 102
MILLS, ROLLER—Raymond Roller Mill. No. 4, Nov. 24, 1926 105
MILWAUKEE LOCOMOTIVE MFG. CO.—New Milwaukee Locomotive. No. 6, Dec. 22, 1926..... 99
MINING—How the States Rank in Mineral Output. No. 2, Oct. 27, 1926..... 96
Mining Asbestos on a Large Scale. *F. A. Westbrook.* No. 2, Oct. 27, 1926.....49-58
Mining Motion Pictures. No. 1, Oct. 13, 1926..... 84
MISCAMPBELL, H. H.—Miscampbell Dust Collector. No. 6, Dec. 22, 1926..... 93
New Mortar and Putty Plant. No. 6, Dec. 22, 1926..... 93
MOHAWK LIMESTONE PRODUCTS COMPANY—Mohawk Limestone Products to Add New Units. No. 1, Oct. 13, 1926 106
MONARCH TRACTORS CORP.—New Monarch Tractor. No. 8, Jan. 19, 1927..... 108
MOORES LIME CO.—Moores Lime Company Improves Plant. *E. D. Roberts.* No. 6, December 22, 1926.....51-54
MORAINE SAND COMPANY—Dayton, Ohio, Presents Attractive Market to Moraine Sand Company. *E. D. Roberts.* No. 2, Oct. 27, 1926.....77-80
MORRIS MACHINE WORKS—Morris Machine Works Issue New Catalog. No. 4, Nov. 24, 1926..... 105
MORRISON, R. L.—Gravel Inspection Methods in Michigan. No. 11, March 2, 1927.....81-84
MORRISON AND RISMAN CO.—Morrison and Risman Secure Large Orders. No. 1, Oct. 13, 1926..... 97
MORROW MFG. COMPANY—New Morrow Equipment. No. 3, Nov. 10, 1926..... 113
MORTAR—Fallacy of Unnecessary Strength. No. 8, Jan. 19, 1927 92
New Mortar and Putty Plant. No. 6, Dec. 22, 1926..... 93
MOTORS—General Electric Enclosed Fan-Cooled Motors. No. 4, Nov. 24, 1926..... 108
G. E. Motorized Power. No. 6, Dec. 22, 1926..... 102
Hercules Motors Personnel. No. 8, Jan. 19, 1927..... 109
Hinkley Motors and Parts Succeeds Hinkley Motors. No. 1, Oct. 13, 1926..... 105
Ideal Induction Motor. No. 5, Dec. 8, 1926..... 98
New G. E. Developments. No. 12, March 16, 1927..... 106
New G. E. Motors. No. 11, March 2, 1927..... 100
New Waukesha Motor. No. 7, Jan. 5, 1927..... 113
Two New Electric Motor Developments. No. 1, Oct. 13, 1926 97
MT. SHASTA SILICA CO.—A New California Silica Operation. No. 1, Oct. 13, 1926..... 74

N

NATIONAL BRAKE AND ELECTRIC CO.—National Air Compressor. No. 6, Dec. 22, 1926..... 99
NATIONAL CEMENT CO.—Cement Plant Development. No. 5, Dec. 8, 1926.....71-74
NATIONAL LIME AND STONE CO.—Stone Companies Merge. No. 8, Jan. 19, 1927..... 78
NAYLOR, SPIRAL PIPE CO.—Spiral Pipe Catalog. No. 8, Jan. 19, 1927 109

Page

NEPHI MFG. CO.—Interesting Aerial Tramway. No. 6, December 22, 1926 92
NEUMAN, PROF. BERNHARD—Production of Sulfurous Acid From Gypsum. No. 12, March 16, 1927 49-55
NEVADA-PACIFIC MINERAL COMPANY—Nevada-Pacific Mineral Company Plans Extensive Operations. No. 1, Oct. 13, 1926 92-93
NEWBERRY, W. B.—What's Ahead for 1927? No. 5, Dec. 8, 1926 60
NEWCASTLE LIME AND STONE COMPANY—New Lake Erie Limestone Company Plant Effects Greater Economies in Operation. *E. D. Roberts.* No. 1, Oct. 13, 1926 56
NEW ENGLAND LIME COMPANY—A systematically Arranged Lime Plant. No. 7, Jan. 5, 1927 87-90
NEW JERSEY LIME PRODUCTS CORP.—New Jersey Lime Products Plant Near Completion. No. 13, March 30, 1926 99
NORTH AMERICAN CEMENT CORP.—Luther G. McConnell Resigns From North American Cement. No. 12, March 16, 1927 105
NORTHAMPTON QUARRYING COMPANY—This Company Manages the Situation in an Interesting Manner. No. 1, Oct. 13, 1926 81-84
NORTHERN BLOWER COMPANY—Interesting Development in Dust Collecting. No. 6, December 22, 1926 92
Northern Blower Equipment Installed at Peerless Plant. No. 8, Jan. 19, 1927 107
Using Compressed Air in Cement Storage. No. 7, Jan. 5, 1927 112
Wet and Dry Process Aids Dust Elimination. No. 7, Jan. 5, 1927 113
NORTHERN CONVEYOR AND MFG. CO.—Northern Conveyors. No. 6, Dec. 22, 1926 98
NORTHWEST ENGINEERING CO.—Northwest Adds to Line. No. 11, March 2, 1927 101
Two New Northwest Shovels. No. 6, Dec. 22, 1926 104
NOVO ENGINE CO.—New Novo Hoist. No. 1, Oct. 13, 1926 103
New Novo Line. No. 7, Jan. 5, 1927 112
New Novo Pumps. No. 12, March 16, 1927 107
Novo Exhibit at Road Show. No. 7, Jan. 5, 1927 114

O

OFFICES, NEW—New Barber-Greene Office. No. 6, Dec. 22, 1926 92
OHIO HYDRATE & SUPPLY COMPANY—Radical Plant Changes Bring Results to Ohio Hydrate and Supply Company. *Frank E. Coombs.* No. 10, Feb. 16, 1927 39-44
OIL SHALE—Destructive Distillation of Oil Shale. No. 7, Jan. 5, 1927 111
Production of Oil Shale Started by Colorado Experimental Plant. No. 1, Oct. 13, 1926 95
OKLAHOMA ENGINEERING AND FOUNDRY CO.—White Tractor Hoist. No. 5, Dec. 8, 1926 101
OLEAN SAND AND GRAVEL CORPORATION—Olean Sand and Gravel Corporation Elects Officers. No. 13, March 30, 1927 98
OREGON, POLE CREEK—Difficult Quarry Blasting Problem Recently Solved in Oregon. No. 1, Oct. 13, 1926 95
ORITZ, ANDRES, C. E.—The Highway Situation in Mexico. No. 8, Jan. 19, 1927 86-88
ORTON CRANE AND SHOVEL COMPANY—Great Lakes Portland Cement Installs Mammoth Crane. No. 3, Nov. 10, 1927 110
Orton Model "V" ½ Yard Gasoline Shovel. No. 4, Nov. 24, 1926 106
OSGOOD COMPANY—New Osgood 1¼-Yard Shovel. No. 2, Oct. 27, 1926 105
Osgood 1-Yard Shovel. No. 3, Nov. 10, 1926 109
Osgood 1¼-Yard Shovel. No. 5, Dec. 8, 1926 96
Osgood Company to Exhibit at Good Roads Show. No. 7, Jan. 5, 1927 112
OSWALD, FREDERICK E., AND JAMES L. MAYER—Mayer and Oswald Open Office in Chicago. No. 10, Feb. 16, 1927 103
OTTAWA SILICA COMPANY—Ottawa Silica Company Doubles Capacity During the Present Year. *A. C. Edwards.* No. 4, Nov. 24, 1926 65-72
OTTAWA SILICA MOULDING SAND COMPANY—Ottawa Silica Moulding Sand Company Reduces Cost of Production. *A. C. Edwards.* No. 2, Oct. 27, 1926 83-87
OUTLOOK FOR 1927—Chicago Banker Predicts Good 1927. No. 6, Dec. 22, 1926 74
Clear Skies and Smooth Sailing Predicted by Chicago Banker. No. 4, Nov. 4, 1926 72
Economist's View of 1927. No. 7, Jan. 5, 1927 111
Forecasting Business Conditions. No. 7, Jan. 5, 1927 61-62
Fred Witmer Considers 1927 Good for Lime Industry. No. 6, Dec. 22, 1926 74
General Business Conditions. No. 11, Mar. 2, 1927 55

Page

Opinions From Leading Economists Concerning Business. No. 3, Nov. 10, 1926 88
What's Ahead for 1927. No. 5, Dec. 8, 1926 59-66
OXYGEN—Oxygen in Air. No. 10, Feb. 16, 1927 58

P

PACIFIC COAST BORAX CO.—Borax Companies Cool Death Valley. No. 3, Nov. 10, 1926 98
PAGE ENGINEERING CO.—Page Slackline Cableway. No. 11, March 2, 1927 101
PARRY, EDWARD H.—A Year With a Borrowed Plan. No. 3, Nov. 10, 1926 80-82
PARSONS BROS. SLATE CO.—Recent Progress in Slate Technology. *Oliver Bowles.* No. 1, Oct. 13, 1926 61-66
PATENTS—Recent Patents. No. 2, Oct. 27, 1926 101
Recent Patents. No. 4, Nov. 24, 1926 106
Recent Patents. No. 6, Dec. 22, 1926 102
Recent Patents. No. 9, Feb. 2, 1927 105
Recent Patents. No. 11, Mar. 2, 1927 95
Recent Patents. No. 12, Mar. 16, 1927 109
Recent Patents. No. 13, Mar. 30, 1927 93
PATTERSON FOUNDRY AND MACHINE CO.—Patterson Ball and Tube Mills. No. 11, March 2, 1927 99
PEABODY, STUYVESANT—What's Ahead for 1927? No. 5, Dec. 8, 1926 62-63
PEERLESS PORTLAND CEMENT CO.—Northern Blower Equipment Installed at Peerless Plant. No. 8, Jan. 19, 1927 107
PENINSULA PORTLAND CEMENT CO.—Cement Plant Development. No. 5, Dec. 8, 1926 70-71
PENNSYLVANIA CRUSHER CO.—Pennsylvania Crusher Company Changes Personnel. No. 11, March 2, 1927 97
PETTY, BEN H.—Ultimate Highway Development. No. 8, Jan. 19, 1927 ..... 81-85, 106
PHILLIPS, WILLIAM E.—Installation and Care of Belt Conveyors. No. 7, Jan. 5, 1927 71-74
PICTURES—Mining Motion Pictures. No. 1, Oct. 13, 1926 84
PIKE MFG. CO.—A Picturesque Whetstone Quarry. *F. A. Westbrook.* No. 4, Nov. 24, 1926 85-88
PIONEER RUBBER MILLS—Pioneer Rubber Mills Opens Chicago Branch. No. 12, March 16, 1927 109
PIPE, DREDGE—ARMCO Welded Dredge Pipe. No. 6, Dec. 22, 1926 107
PIPE, SPIRAL—Spiral Pipe Catalog. No. 8, Jan. 19, 1927 109
PITTSFIELD LIME AND STONE COMPANY—Pittsfield Lime and Stone Company Improves Plant Efficiency. *F. A. Westbrook.* No. 8, Jan. 19, 1927 41-45
PITTSBURGH STEEL DRUM CO.—Pittsburgh Steel Drum Plant Greatly Enlarged. No. 6, Dec. 22, 1926 96
PLIBRICO JOINTLESS FIREBRICK CO.—New Anchoring Method for Lining Walls. No. 11, Mar. 2, 1927 102
POPULATION—Population Gains Ten Million. No. 2, Oct. 27, 1926 60
POTASH—Fourth Potash Exploration Site Designated by Bureau of Mines. No. 5, Dec. 8, 1926 95
Government Actually Starts Drilling Potash Wells. No. 10, Feb. 16, 1927 67
Government Selects Second Potash Exploration Site. No. 2, Oct. 27, 1926 65
Government Selects Site for Potash Exploration. No. 2, Oct. 27, 1926 60
More Potash Found in Texas and New Mexico. No. 10, Feb. 16, 1927 68
New Finds of Potash Minerals in the Southwest. No. 4, Nov. 24, 1926 60
New Mexico Site Designated for Potash Exploration. No. 6, Dec. 22, 1926 50
Third Potash Exploration Area Designated. No. 3, Nov. 10, 1926 96
POWER MFG. CO.—Primm Engine Improvements. No. 6, Dec. 22, 1926 101
POWER TRANSMISSION—Dodge Power Equipment. No. 6, Dec. 22, 1926 98
PRATT BUILDING MATERIALS CO.—Sandy Pratt's Company Buys Second Plant. No. 2, Oct. 27, 1926 76
Sandy Pratt Buys Vulcan Rock Company. No. 1, Oct. 13, 1926 102
PRESSES—Elmes Presses. No. 5, Dec. 8, 1926 104
PRODUCTION OF MINERALS—How the States Rank in Mineral Output. No. 2, Oct. 27, 1926 96
PROFITS—The Ten Per Cent Profit Principle. No. 7, Jan. 5, 1927 95
PROSPERITY—Another Reason Why Prosperity Is Ahead. No. 6, Dec. 22, 1926 34
Importing Foreign Cement and Exporting American Prosperity. No. 4, Nov. 24, 1926 77-79
Prosperity at New Record Level. No. 4, Nov. 24, 1926 79
PSYCHOLOGY—Psychology Applied to Industry. No. 4, Nov. 24, 1926 49

Page

PULLER, PINION—Duff Pinion Puller and Jack. No. 6, Dec. 22, 1926 108
PULLEY—Magnetic Pulley Bulletin. No. 1, Oct. 13, 1926.... 101
PULVERIZERS—Raymond Pulverizers. No. 10, Feb. 16, 1927.. 108
PUMPS—Allis-Chalmers Type "S" Centrifugal Pumps. No. 1, Oct. 13, 1926 100
American Centrifugal Pump. No. 6, Dec. 22, 1926..... 95
Cameron Centrifugal Pumps. No. 4, Nov. 24, 1926..... 103
Climax Develops Service Pump Drive. No. 5, Dec. 8, 1926 97
Economy Pumps. No. 6, Dec. 22, 1926..... 99
Morris Machine Works Issue New Catalog. No. 4, Nov. 24, 1926 105
New Cook Units. No. 5, Dec. 8, 1926..... 102
New Erie Pump. No. 6, Dec. 22, 1926..... 107
New Novo Pumps. No. 12, March 16, 1927..... 107
The Domestic Line. No. 1, Oct. 13, 1926..... 103
PYRITES—Pyrites in 1926. No. 12, March 16, 1927..... 96
PYROPHYLLITE—The Only Pyrophyllite Deposits. No. 7, Jan. 5, 1927 90

Q

QUILTY, T. FRANK—What's Ahead for 1927. No. 5, Dec. 8, 1926 63-64

R

RACINE RADIATOR CO.—Perfex Radiators. No. 5, Dec. 8, 1926 106
RADIATORS—Perfex Radiators. No. 5, Dec. 8, 1926..... 106
RAILROADS—Railroads Will Be Good Customers. No. 12, March 16, 1927..... 56
A Better Railroad Ballast. No. 11, Mar. 2, 1927.....71-72
RAILS—Reconditioned Rails. No. 6, Dec. 22, 1926..... 106
RANSOM, GEORGE—Centralized Unit Compressed Air Plant Reduces Operating Costs. No. 4, Nov. 24, 1926.....80-82
Sand and Gravel Neighbors Compared. No. 7, Jan. 5, 1927 75-82
RAYMOND BROTHERS IMPACT PULVERIZER CO.—Raymond Pulverizers. No. 10, Feb. 16, 1927..... 108
Raymond Roller Mills. No. 4, Nov. 24, 1926..... 105
REA, A. S.—Mineral Aggregates for Highways. No. 10, Feb. 16, 1927 78-80
RECORDS, FILING—History File Valuable. No. 6, Dec. 22, 1926 40
REDUCTION GEAR—New Foote Gear Reducers. No. 7, Jan. 5, 1927 117
New Reduction Gear Designed for Use With Climax Engines. No. 6, December 22, 1926..... 108
REED, ALBERT E.—Screening Plant Design Developments. No. 12, Mar. 16, 1927.....79-80
RELAY MOTORS CORP.—Motor Companies Amalgamate. No. 11, Mar. 2, 1927..... 97
REMINGTON ARMS CO.—Remington Cement Kiln Gun. No. 6, Dec. 22, 1926..... 103
RENWICK, F. W.—What's Ahead for 1927? No. 5, Dec. 8, 1926 66
REORGANIZATIONS—G. H. Williams Company Reorganizes. No. 5, Dec. 8, 1926..... 106
RESEARCH—Importance of Research on Industry. *D. A. Abrams.* No. 10, Feb. 16, 1927.....81-83
Minnesota Highway Department Knows Value of Organized Research. *F. C. Lang.* No. 13, Mar. 30, 1927 60
Research as Aid to Efficiency. *Oliver Bowles.* No. 9 Feb. 2, 1927.....91-93
REYNOLDS, ARTHUR—Clear Skies and Smooth Sailing Predicted by Chicago Banker. No. 4, Nov. 24, 1926..... 72
RIGG, J. A.—What's Ahead for 1927? No. 5, Dec. 8, 1926..64-65
ROADS—New Association in California Promotes Road Work. No. 1, Oct. 13, 1926..... 84
Predicts Completion of Federal Aid Within Next Two Years. No. 3, Nov. 10, 1926..... 71
Traffic Congestion Costs More Than One and a Half Billion. No. 3, Nov. 10, 1926..... 74
ROBERTS, E. D.—Bessemer Limestone and Cement Company Makes Improvements in Methods. No. 4, Nov. 24, 1926.51-60
Constructive Business Methods Applied by This Sand and Gravel Company. No. 8, Jan. 19, 1927.....75-78
Cox Lime and Stone Builds Modern Plant Replacing One Destroyed by Fire. No. 2, Oct. 27, 1926.....61-65
Dayton, Ohio, Presents Attractive Market to Moraine Sand Company. No. 2, Oct. 27, 1926.....77-80
Increases Production With Small Cost. No. 7, Jan. 5, 1927 83-86
Material Handling Methods Improved by Buffalo Rock Silica Company. No. 4, Nov. 24, 1926.....89-92
Minor Adjustments Increase Production for Jonesville Sand and Gravel Company. No. 8, Jan. 19, 1927....65-70

Page

Moores Lime Company Improves Plant. No. 6, Dec. 22, 1926 51-54
New Lake Erie Limestone Company Plant Effects Greater Economies in Operation No. 1, Oct. 13, 1926.....51-57
Past Experience Dictates Plant Changes for Lincoln Sand and Gravel Co. No. 12, March 16, 1927.....83-86
Problem of Constantly Increasing Demand Solved Repeatedly by this Company. No. 3, Nov. 10, 1926....57-60
Simplicity and Compactness Combined in Large Crushed Stone Plant. No. 13, March 30, 1927.....43-47
Speed and Maximum Storage Facilities Combined in Material Handling Units. No. 11, March 2, 1927....61-64
Three Minnesota Competitors Cooperate With Common Hydrating Lime Plant. No. 1, Oct. 13, 1926.....75-80
ROBERTS AND SCHAEFER COMPANY—Roberts and Schaefer Improve Rotary Car Dumper. No. 5, Dec. 8, 1926.... 96
ROBINS CONVEYOR BELT COMPANY—Robins Developments. No. 5, Dec. 8, 1926..... 108
ROCKWELL, EDWARD H.—Vibrations Caused by Quarry Blasting and Their Effect Upon Structures. No. 9, Feb. 2, 1927.....97-102
ROOT, W. H.—Selection, Use and Care of Equipment. No. 8, Jan. 19, 1927.....79-80
ROPE—How to Put Clips on Right. No. 1, Oct. 13, 1926.... 99
The Importance of Wire Rope. No. 1, Oct. 13, 1926..... 96
Wire Rope and Its Use Today. *H. L. Williams.* No. 3, Nov. 10, 1926.....95-96
ROTH, E. H.—What's Ahead for 1927? No. 5, Dec. 8, 1926 60

S

SAFETY—Accident Prevention Work Considered by Cement and Quarry Operators. No. 3, Nov. 10, 1926..61-66 and 88
A Year With a Borrowed Plan. *Edward H. Parry.* No. 3, Nov. 10, 1926.....80-82
Bureau of Mines Active During 1926. No. 4, Nov. 24, 1926 97-98
Financial Aspects of the Safety Movement in the Crushed Stone Industry. *A. T. Goldbeck.* No. 3, Nov. 10, 1926 72-74
First Central States Safety Congress to Meet at Kansas City. No. 13, March 30, 1927..... 82
Handling Explosives. *F. F. McLaughlin.* No. 3, Nov. 10, 1926 89-92
Interesting Safety Work Conducted by Atlas Portland Cement Company. No. 3, Nov. 10, 1926..... 87
Louisville Cement Awarded Certificate for Exceptional Safety Record. No. 12, Mar. 16, 1927..... 96
Motion Pictures in the Plant. No. 3, Nov. 10, 1926..... 105
N. C. S. A. Committee on Welfare and Safety Meets in New York. No. 2, Oct. 27, 1926..... 98
No. Lost Time Accidents for 500 Days. No. 7, Jan. 5, 1927 .....70 and 110
Safety, a Sales Problem. *J. R. Davis.* No. 2, Oct. 27, 1926 59-60
Safety in Cement and Quarry Industries. *R. H. Lansburgh.* No. 3, Nov. 10, 1926.....93-94
Safety Education. *W. S. Smith.* No. 3, Nov. 10, 1926..97-98
Stimulating Safety Through the Internal House Organ. No. 12, March 16, 1927.....37-38
Too Many Rules and Regulations. No. 2, Oct. 27, 1926..47-48
Two Cement Companies Finish Year Without Accident. No. 8, Jan. 19, 1927..... 80
SAFETY CONGRESS, DETROIT, MICHIGAN—Accident Prevention Work Considered by Cement and Quarry Operators. No. 3, Nov. 10, 1926.....61-66, and 88
A Year With a Borrowed Plan. *Edward H. Parry.* No. 3, No. 10, 1926.....80-82
Financial Aspects of the Safety Movement in the Crushed Stone Industry. *A. T. Goldbeck.* No. 3, Nov. 10, 1926.....72-74
Handling Explosives. *F. F. McLaughlin.* No. 3, Nov. 10, 1926 89-92
Safety Education. *W. S. Smith.* No. 3, Nov. 10, 1926...97-98
Safety in Cement and Quarry Industries. *R. H. Lansburgh.* No. 3, Nov. 10, 1926.....93-94
Wire Rope and Its Use Today. *H. L. Williams.* No. 3, Nov. 10, 1926.....95-96
SALES—Safety a Sales Problem. *J. R. Davis.* No. 2, Oct. 27, 1926 59-60
SAND—Consolidated Stone and Sand Company Applies Modern Methods to Plant. *F. A. Westbrook.* No. 4, 24, 1926 73-76
Individuality Expressed in This Plant of Hartford Sand and Stone Company. *F. A. Westbrook.* No. 7, Jan. 5, 1927 63-69
New Eagle Sand Washer. No. 5, Dec. 8, 1926..... 96
SAND AND GRAVEL—Allegheny River Sand Corporation Using Metal Dredge Boat. No. 12, Mar. 16, 1927..... 108

Page

American Road Builders' Convention. No. 7, Jan. 5, 1927 101-102
Ballast Committee of A. R. E. A. Makes Report. No. 12, March 16, 1927 66
Constructing a Gravel Washing Plant for Truck Service. *F. W. Cornuelle.* No. 11, March 2, 1927 85-86
Constructive Business Methods Applied by This Sand and Gravel Company. *E. D. Roberts.* No. 8, Jan 19, 1927. 75-78
Cooperation of Two Basic Industries. *C. R. Stokes.* No. 10, Feb. 16, 1927 49-52
Dayton, Ohio, Presents Attractive Market for Moraine Sand Company. *E. D. Roberts.* No. 2, Oct. 27, 1926. 77-80
Design of Sand and Gravel Plants. *Frank M. Welch.* No. 9, Feb. 2, 1927 ..... 94-96, 104
Developments in Hydraulic Handling of Sand and Gravel. *G. B. Massey.* No. 5, Dec. 8, 1926 91-93
Eleventh Sand and Gravel Convention Successful From Every Angle. No. 9, Feb. 2, 1927 ..... 79-86, 104
Elkhart Sand and Gravel Will Erect New Plant. No. 6, December 22, 1926 107
Empire Sand and Gravel Producers Hold Annual Meeting. No. 8, Jan. 19, 1927 45
Fifth Annual Asphalt Paving Conference. No. 6, December 22, 1926 79-82
Four Million Tons of Sand and Gravel Produced Annually by This Company. *F. A. Westbrook.* No. 11, Mar. 2, 1927 47-55
Gravel Inspection Methods in Michigan. *R. L. Morrison.* No. 11, March 2, 1927 81-84
Haiss Loader Operating at Gravel Plant. No. 3, Nov. 10, 1926 114
Henry Steers Has Developed this Plant During the Present Year. *F. A. Westbrook.* No. 2, Oct. 27, 1926. 69-73
House Organ Pays Stewart Sand Company. No. 8, Jan. 19, 1927 63-64
Increases Production With Small Cost. *E. D. Roberts.* No. 7, Jan. 5, 1927 83-86
Mineral Aggregates for Highways. *A. S. Rea.* No. 10, February 16, 1927 78-80
Minor Adjustments Increase Production for Jonesville Sand and Gravel Company. *E. D. Roberts.* No. 8, Jan. 19, 1927 65-70
National Sand and Gravel Association Convention Arranged to Insure Successful Meeting. No. 7, Jan. 5, 1927 99-100
Ottawa Silica Moulding Sand Company Reduces Cost of Production. *A. C. Edwards.* No. 2, Oct. 27, 1926. ... 83-87
Past Experience Dictates Plant Changes for Lincoln Sand and Gravel Company. *E. D. Roberts.* No. 12, March 16, 1927 83-86
Pit and Quarry Resources of Seaboard Air Line Railway Territory. No. 9, Feb. 2, 1927 103
Plant Facilities Utilized to Advantage by Atlas Sand and Gravel Company. *F. A. Westbrook.* No. 8, Jan. 19, 1927 33-40
Richard Kennedy Looks After Details in Sand and Gravel Operation. *F. A. Westbrook.* No. 13, March 30, 1927 55-59
Sand and Gravel in Asphalt Pavements. *F. C. Field.* No. 10, Feb. 16, 1927 68
Sand and Gravel Neighbors Compared. *George Ransom.* No. 7, Jan. 5, 1927 75-82
Sandy Pratt's Company Buys Second Plant. No. 2, Oct. 27, 1926 76
Screening Plant Design Developments. *Albert E. Reed.* No. 12, March 16, 1927 79-80
Speed and Maximum Storage Facilities Combined in Material Handling Units. *E. D. Roberts.* No. 11, March 2, 1927 61-64
Stauffer Reorganizes. No. 6, Dec. 22, 1926 90
The Maine Sand and Gravel Company Operates an Efficient Plant at Portland. *F. A. Westbrook.* No. 1, Oct. 13, 1926 85-89
Transportation Problem as Related to the Sand and Gravel Industry. *W. J. McGarry.* No. 11, Mar. 2, 1927 68-70
Union Rock Material Handling System Speeds up Delivery to Job. *T. V. Hawkins.* No. 12, March 16, 1927 73-75
Value of Sand and Gravel Traffic as Revenue to the Railroads. *Edwin Brooker.* No. 10, Feb. 16, 1927 94-98
What's Ahead for 1927. No. 5, Dec. 8, 1926 59-66
Your Plant's Daily Dozen. No. 12, Mar. 16, 1927 97-98
SAND LIME BRICK—Comments on Sand Lime Brick Prospects. No. 9, Feb. 2, 1927 104
SAW—New Air Driven Portable Hand Saw. No. 13, March 30, 1927 92
SCHWEIM, H. J.—Developments in the Gypsum Industry. No. 5, Dec. 8, 1926 94-95
Gypsum History a Great Romance. No. 2, Oct. 27, 1926. 66-68

Page

SCHRAMM, INC.—Schramm Air Compressors. No. 10, Feb. 16, 1927 104
SCRAPERS—Miami Trailers and Scrapers. No. 5, Dec. 8, 1926 99
New Miami Scraper Booklet. No. 13, March 30, 1927 97
SCREENS—Heavy Rol-Man Screen. No. 7, Jan. 5, 1927 115
New Link-Belt Screen. No. 4, Nov. 24, 1926 108
New Morrow Equipment. No. 3, Nov. 10, 1926 113
The Duzit Screen. No. 10, Feb. 16, 1927 103
The "Screen Supreme." No. 3, Nov. 10, 1926 107
Super Vibrating Screen. No. 5, Dec. 8, 1926 105
Universal Vibrating Screens. No. 5, Dec. 8, 1926 100
SEABOARD AIR LINE RAILWAY—Pit and Quarry Resources of Seaboard Air Line Railway Territory. No. 9, Feb. 2, 1927 103
SEPARATORS, AIR—Sturtevant Air Separators. No. 11, Mar. 2, 1927 103
SEPARATORS—Gay Improves Its Separator. No. 5, Dec. 8, 1926 97
SHALE—Shale Found in North Carolina. No. 6, Dec. 22, 1926 70
Testing Methods for Oil Shale and Shale Oil. No. 6, Dec. 22, 1926 78
SHALE, OIL—Destructive Distillation of Oil Shale. No. 7, Jan. 5, 1927 111
Nature of Oil Shale. No. 7, Jan. 5, 1927 86
SHELDON SLATE PRODUCTS COMPANY—This Slate Quarry Markets Waste at a Worthwhile Profit. *F. A. Westbrook.* No. 3, Nov. 10, 1926 75-79
SHIELDS, H. C.—H. C. Shields Joins Weller. No. 11, Mar. 2, 1927 102
SHOVELS—American Gasoline Shovel. No. 10, Feb. 16, 1927 105
American Model K Shovel. No. 3, Nov. 10, 1926 109
A Satisfactory Performance Under Unusual Conditions. No. 11, March 2, 1927 95
Bay City Shovels. No. 8, Jan. 19, 1927 109
Bay City Tractor Shovel. No. 5, Dec. 8, 1926 102
Bay City Tractor Shovel. No. 3, Nov. 10, 1926 111
Bucyrus 1926 Developments. No. 6, Dec. 22, 1926 100
Development of Electric Shovels. *George Lee.* No. 5, Dec. 8, 1926 81-86
Fundom Shovel. No. 5, Dec. 8, 1926 101
Koehring Shovel With Power Dipper Trip. No. 6, December 22, 1926 92
Koehring to Exhibit Shovel. No. 7, Jan. 5, 1927 116
Lorain Yard Shovel. No. 13, March 30, 1927 91
New Bucyrus Yard Shovel. No. 13, March 30, 1927 98
New Bear Cat Shovel. No. 10, Feb. 16, 1927 108
New High Lift Boom for Speeder Shovels. No. 5, Dec. 8, 1926 96
New Link-Belt Shovel. No. 11, March 2, 1927 100
New McMyler Shovel. No. 1, Oct. 13, 1926 101
New Osgood 1¼-Yard Shovel. No. 2, Oct. 27, 1926 105
New Stripping Shovel. No. 3, Nov. 10, 1926 108
New Thew Shovel. No. 11, March 2, 1927 102
Northwest Adds to Line. No. 11, March 2, 1927 101
Orton Model "V" ½-Yard Gasoline Shovel. No. 4, Nov. 24, 1926 106
Osgood 1-Yard Shovel. No. 3, Nov. 10, 1926 109
Osgood 1¼-Yard Shovel. No. 5, Dec. 8, 1926 96
Quarry Shovels of the Past and Present. *G. B. Massey.* No. 2, Oct. 27, 1926 74-76
Two New Northwest Shovels. No. 6, Dec. 22, 1926 104
Variable Voltage Equipment for Electric Power Shovels. No. 4, Nov. 24, 1926 104
Wood Shovel Catalog. No. 8, Jan. 19, 1927 107
SHOWS—All-Western Road Show a Success. *C. W. Geiger.* No. 2, Oct. 27, 1926 89-92
American Road Builders' Association Completes Preliminary Show Plans. No. 1, Oct. 13, 1926 94-95
Annual Southwest Road Show. No. 10, Feb. 16, 1927 108
Blakeslee & Sons Exhibit at New Haven. No. 11, Mar. 2, 1927 98
Brown Hoisting Exhibit at All-Western Show. No. 1, Oct. 13, 1926 100
Climax Exhibit at Road Show. No. 7, Jan. 5, 1927 117
Diamond Power Specialty to Exhibit. No. 7, Jan. 5, 1927 115
Equipment Corporation Will Be at Good Roads Show. No. 7, Jan. 5, 1927 117
Haiss at Western Show. No. 1, Oct. 13, 1926 99
International Trade Exhibition. No. 3, Nov. 10, 1926 112
Koehring to Exhibit Shovel. No. 7, Jan. 5, 1927 116
Link-Belt Road Show Exhibit. No. 6, December 22, 1926 91
(New York Power Show). Miniature Boiler Exhibit. No. 4, Nov. 24, 1926 105
Novo Exhibit at Road Show. No. 7, Jan. 5, 1927 114
Osgood Company to Exhibit at Good Roads Show. No. 7, Jan. 5, 1927 112
Power and Mechanical Show Salient Features. No. 1, Oct. 13, 1926 105

Page

Power Show Has Educational Value. No. 3, Nov. 10, 1926 74
Review of Power Exposition. No. 7, Jan. 5, 1927..... 74
Twenty-two Nations Invited to Chicago Road Show. No. 4, Nov. 24, 1926..... 84
SIDEBOTHAM, EDWARD, AND SONS—Haiss Loader Operating at Gravel Plant. No. 3, Nov. 10, 1926..... 114
SILICA—A New California Silica Operation. No. 1, Oct. 13, 1926..... 74
Material Handling Methods Improved by Buffalo Rock Silica Company. *E. D. Roberts.* No. 4, Nov. 24, 1926 89-92
Nevada Pacific Mineral Company Plans Extensive Operation. No. 1, Oct. 13, 1926.....92-93
Ottawa Silica Company Doubles Capacity During the Present Year. *A. C. Edwards.* No. 4, Nov. 24, 1926 65-72
Ottawa Silica Moulding Sand Company Reduces Cost of Production. *A. C. Edwards.* No. 2, Oct. 27, 1926..83-87
Pioneer in the Silica Sand Industry Keeps Plant Abreast of Times. *A. C. Edwards.* No. 1, Oct. 13, 1926....58-60
SIMPLICITY ENGINEERING COMPANY—Super Vibrating Screen. No. 5, Dec. 8, 1926..... 105
SLAG—What's Ahead for 1927. No. 5, Dec. 8, 1926.....59-66
SLATE—Annual Slate Meeting Promises Much. No. 7, Jan. 5, 1927..... 86
Physical and Chemical Properties of Slate. No. 3, Nov. 10, 1926..... 104
This Slate Quarry Markets Waste at a Worthwhile Profit. *F. A. Westbrook.* No. 3, Nov. 10, 1926.....75-79
Recent Progress in Slate Technology. *Oliver Bowles.* No. 1, Oct. 13, 1926.....61-66
Sales of Slate in 1926. No. 9, Feb. 2, 1927..... 103
Slate in 1926. No. 10, Feb. 16, 1926..... 102
Utilization of Waste Slate. No. 1, Oct. 13, 1926..... 93
SLOAN, JOHN J.—Announcement of Death. No. 8, Jan. 19, 1927..... 32
SLY, W. W., MANUFACTURING CO.—Sly Dust Arrester. No. 5, Dec. 8, 1926..... 108
SMITH, W. S.—Safety Education. No. 3, Nov. 10, 1926..97-98
SMITH ENGINEERING WORKS—Telsmith Rotary Grizzly. No. 5, Dec. 8, 1926..... 110
SODA—Valuable Soda Beds. No. 13, March 30, 1927..... 72
SONNTAG, C. H.—Recent Progress in Cement Technology. No. 6, Dec. 22, 1926.....41-45
SOUTHERN GYPSUM COMPANY—Gypsum Producers Consolidate. No. 7, Jan. 5, 1927..... 106
SOUTHERN IRON AND EQUIPMENT CO.—Used Equipment Bulletin. No. 11, March 2, 1927..... 100
SOUTHWESTERN PORTLAND CEMENT CO.—Cement Plant Development. No. 5, Dec. 8, 1926.....74-76, 78
SPEEDER MACHINERY CORP.—New High Lift Boom for Speeder Shovels. No. 5, Dec. 8, 1926..... 96
Speeder Machinery to Move. No. 1, Oct. 13, 1926..... 106
Speeder Moves Business. No. 10, Feb. 16, 1927..... 108
SPEED REDUCERS—New Falk Speed Reducers. No. 13, March 30, 1927..... 96
Worm Gear Speed Reducers Developed by Foote. No. 12, March 16, 1927..... 108
SPRAY GUN—New Milburn Paint Spray. No. 12, March 16, 1927 108
SPROW, W. J.—What's Ahead for 1927? No. 5, Dec. 8, 1926 64
STANDARD SLAG CO.—Ten Million Combination Forming. No. 10, Feb. 16, 1927..... 80
STANDARDIZATION—Development in Industrial Standardization During 1926. No. 8, Jan. 19, 1927.....103-104
STANLEY, WILLIAM E.—Crushed Stone for Sewage Disposal and Water Purification Work. No. 10, Feb. 16, 1927.45-48
STAUFFER SAND AND GRAVEL COMPANY—Stauffer Reorganizes. No. 6, December 22, 1926..... 90
STEAMSHIP—New Ship Called "B. F. Affleck." No. 12, Mar. 16, 1927..... 72
STEEL—Is Steel Really Fire-Proof? No. 12, Mar. 16, 1927. 66
Oro Manganese Steel. No. 13, Mar. 30, 1927..... 91
Why Prof. George F. Swain Prefers Steel to Reinforced Concrete. No. 13, Mar. 30, 1927.....87-88
STEERS, HENRY, INC.—Henry Steers Has Developed this Plant During the Present Year. *F. A. Westbrook.* No. 2, Oct. 27, 1926.....69-73
STELLEY GOES TO BUFFALO—No. 1, Oct. 13, 1926..... 104
STEPHENS-ADAMSON MFG. CO.—Advanced Conveyor Practice. No. 6, December 22, 1926..... 96
New Box Car Loader. No. 1, Oct. 13, 1926..... 98
New S-3 Carrier Unit. No. 5, Dec. 8, 1926..... 104
Stephens-Adamson Issues New Catalog. No. 8, Jan. 19, 1927 111
S-A Opens New Office. No. 8, Jan. 19, 1927..... 108
STEWART SAND COMPANY—House Organ Pays Stewart Sand Company. No. 8, Jan. 19, 1927.....63-64

Page

STIMSON, F. J.—A Better Railroad Ballast. No. 11, March 2, 1927.....71-72
STOKES, C. R.—Cooperation of Two Basic Industries. No. 10, Feb. 16, 1927.....49-52
STOLLE, F. W.—What's Ahead for 1927? No. 5, Dec. 8, 1926 63
STONE—Three Minnesota Competitors Cooperate with Common Hydrating Lime Plant. *E. D. Roberts.* No. 1, Oct. 13, 1926.....75-80
STREET BROTHERS MACHINE WORKS, INC.—Street Cableways. No. 11, March 2, 1927..... 100
STRUCKMANN, H.—What's Ahead for 1927? No. 5, Dec. 8, 1926 60
STURTEVANT MILL CO.—Sturtevant Air Separators. No. 11, March 2, 1927..... 103
SUCKOW, DR. JOHN K.—Unusual Find of Borax. No. 2, Oct. 27, 1926..... 96
SULFUROUS ACID—Production of Sulfurous Acid from Gypsum. *Prof. Bernhard Neuman.* No. 12, March 16, 1927.....49-55
SULLIVAN MACHINERY COMPANY—Sullivan Sells Channeler. No. 6, Dec. 22, 1926..... 98
SUPERIOR LIME AND HYDRATE CO.—Superior Lime and Hydrate Company Keeps Pace With Market Demand. No. 7, Jan. 5, 1927.....107-109
SWENSON, JOHN, GRANITE CO.—Swenson Bros. Apply Good Engineering to a New Hampshire Granite Operation. No. 1, Oct. 13, 1926.....67-74
SWITCHBOARDS—G. E. Steel Switchboards. No. 11, March 2, 1927..... 98
SYMONS BROTHERS COMPANY—New Symons Cone Crusher. No. 7, Jan. 5, 1927..... 116

T

TALC—Estelle Mining Company Produces Talc Under Unusual Conditions. No. 1, Oct. 13, 1926..... 91
Old Talc Mines to Be Opened. No. 7, Jan. 5, 1927..... 100
Talc. *Dr. Gutlohn.* No. 4, Nov. 24, 1926.....83-84
TAYLOR, C. STANLEY—Another Big Building Year Ahead. No. 8, Jan. 19, 1927.....57-60, 78
TAYLOR, S. G., CHAIN COMPANY—Taylor-Mesaba Chain. No. 6, Dec. 22, 1926..... 95
THALEG AND HOCK—Thaleg and Hock Tractocrane. No. 5, Dec. 8, 1926..... 107
THEW SHOVEL CO.—A Satisfactory Performance Under Unusual Conditions. No. 11, March 2, 1927..... 95
Lorain Yard Shovel. No. 13, March 30, 1927..... 91
New Thew Shovel. No. 11, March 2, 1927..... 102
THOMPSON, JAY E.—Accident Prevention Work Considered by Cement and Quarry Operators. No. 3, Nov. 10, 1926 61-66
THOMAS GRATE BAR CO.—Thomas W. S. D. Grates. No. 6, Dec. 22, 1926..... 103
TOMKINS COVE STONE COMPANY—The 1926 Model Crushed Stone Plant. *S. C. Hulse.* No. 6, December 22, 1926.35-39
TORCH—An Improved Gas Cutting Torch. No. 2, Oct. 27, 1926 104
New Milburn Cutting Torch. No. 10, Feb. 16, 1927..... 105
TRACK—The Anchor Track Brace. No. 1, Oct. 13, 1926..... 105
TRACK EQUIPMENT—Bethlehem Track Equipment. No. 11, March 2, 1927..... 102
TRACTORS—Helgerson Tractor. No. 5, Dec. 8, 1926..... 99
New Crawler Tractor. No. 1, Oct. 13, 1926..... 104
New Monarch Tractor. No. 8, Jan. 19, 1927..... 108
TRADE ASSOCIATIONS—Trade Association Problems. No. 3, Nov. 10, 1926.....55-56
TRADE MARKS—Proposed Change in Trade Mark Laws. No. 12, Mar. 16, 1927..... 60
TRAFFIC—Tremendous Car Loadings Continue. No. 3, Nov. 10, 1926..... 82
TRAILERS—Miami Industrial Trailer. No. 7, Jan. 5, 1927.... 113
Miami Trailers and Scrapers. No. 5, Dec. 8, 1926..... 99
TRANSFORMERS, SPEED—Hill Speed Transformer. No. 6, Dec. 22, 1926..... 107
TRANSPORTATION—Mid-West Demonstrates. No. 4, Nov. 24, 1926 107
Open Top Car Situation. No. 2, Oct. 27, 1926..... 80
Transportation in the Quarry. *R. N. Van Winkle.* No. 11, March 2, 1927.....65-67
Transportation Preparedness. *W. J. McGarry.* No. 10, Feb. 16, 1927.....84-86
Transportation Problem as Related to the Sand and Gravel Industry. *W. J. McGarry.* No. 11, Mar. 2, 1927 68-70
TRANSMISSIONS—Kent Transmission Machinery. No. 10, Feb. 16, 1927..... 106
TRAP ROCK—Consolidated Stone and Sand Company Applies Modern Methods to Plant. *F. A. Westbrook.* No. 4, Nov. 24, 1926.....73-76

Page

Individuality Expressed in This Plant of Hartford Sand and Stone Company. *F. A. Westbrook.* No. 7, Jan. 5, 1927 63-69

The 1926 Model Crushed Stone Plant. *S. C. Hulse.* No. 6, Dec. 22, 1926 35-39

TRAYLOR ENGINEERING AND MFG. CO.—The Traylor Blake Type Crusher. No. 10, Feb. 16, 1927 104

Traylor Improvements. No. 5, Dec. 8, 1926 100

TRAYLOR VIBRATOR COMPANY—The "Screen Supreme." No. 3, Nov. 10, 1926 107

TUBE BENDING—Ice as a Bending Compound. No. 8, Jan. 19, 1927 70

TURBINES—G. E. Turbines. No. 7, January 5, 1927 117

U

UNION LIME COMPANY—New Lake Erie Limestone Company Plant Effects Greater Economies in Operation. *E. D. Roberts.* No. 1, Oct. 13, 1926 56-57

UNION ROCK COMPANY—Union Rock Material Handling System Speeds Up Delivery to Job. *T. V. Hawkins.* No. 12, March 16, 1927 73-75

UNITED FILTERS CORPORATION—American Continuous Filter. No. 11, March 2, 1927 99

UNITED FUEL AND SUPPLY COMPANY—Speed and Maximum Storage Facilities Combined in Material Handling Units. *E. D. Roberts.* No. 11, March 2, 1927 61-64

UNITED STATES GYPSUM COMPANY—What's Ahead for 1927? No. 5, Dec. 8, 1926 61-62

UNIVERSAL CRANE COMPANY—New Universal Units. No. 1, Oct. 13, 1926 103

New Universal Units. No. 5, Dec. 8, 1926 98

UNIVERSAL VIBRATING SCREEN COMPANY—Universal Vibrating Screens. No. 5, Dec. 8, 1926 100

U. S. GYPSUM CO., GENOA LIME PLANT—No Lost Time Accidents for 500 Days. No. 7, Jan. 5, 1927 ..... 70, 110

V

VALLEY FORGE CEMENT COMPANY—Valley Forge Cement Plant Building Planned. No. 13, March 30, 1927 97

VAN GUILDER SYSTEM CONCRETE BUILDING, INC.—Van Guilder Wallbuilder. No. 8, Jan. 19, 1927 107

VAN WINKLE, R. N.—Analyzing the Human Factor. No. 4, Nov. 24, 1926 61-64

A Simple Practical Budget Plan. No. 12, Mar. 16, 1927. 45-48

Leadership in the Quarry Industry. No. 13, March 30, 1927 61-63

More Engineer Crushed Stone Executives Needed for 1927. No. 6, Dec. 22, 1926 47-50

Transportation in the Quarry. No. 11, Mar. 2, 1927 65-67

VAN VECHTEN, RALPH—Chicago Banker Predicts Good 1927. No. 6, Dec. 22, 1926 74

VERMONT MARBLE COMPANY—Centralized Unit Compressed Air Plant Reduces Operating Costs. *George Ransom.* No. 4, Nov. 24, 1926 80-82

VIRGINIA PORTLAND CEMENT CORP.—Cement Plant Development. No. 5, Dec. 8, 1926 ..... 67, 69, 70, 79

VOLTMETERS—Bristol Issues New Data on Recording Voltmeter. No. 1, Oct. 13, 1926 102

VULCAN ROCK COMPANY—Sandy Pratt Buys Vulcan Rock Company. No. 1, Oct. 13, 1926 102

W

WAGES—Billion Dollars More of Wages. No. 3, Nov. 10, 1926 94

Wage Payment Method Survey. No. 6, Dec. 22, 1926 71-72

WAGNER QUARRIES COMPANY—Simplicity and Compactness Combined in Large Crushed Stone Plant. *E. D. Roberts.* No. 13, March 30, 1927 43-47

WAITE LIME COMPANY—Two Eastern Lime Companies Elect Officers. No. 13, March 30, 1927 94

WALKER, G. P.—Present Status of Agricultural Liming in the Middle West. No. 12, March 16, 1927 104

WALL PLASTER—Manufacture of Wall Covering Has Increased Rapidly. No. 13, March 30, 1927 82

WATER POWER—Water Power, Developed and Potential. No. 8, Jan. 19, 1927 48

WAUKESHA MOTOR COMPANY—New Waukesha Motor. No. 7, Jan. 5, 1927 113

Waukesha Improvements. No. 5, Dec. 8, 1926 101

WEALTH, NATIONAL—Per Capita Wealth Increases. No. 13, March 30, 1927 72

WEIGEL, W. M.—Stone Dust, Its Use and Preparation. No. 10, Feb. 16, 1927 53-58

WEIGHING MACHINES—Measures Aggregate by Weight. No. 2, Oct. 27, 1926 104

WELCH, FRANK M.—Design of Sand and Gravel Plants. No. 9, Feb. 2, 1927 ..... 94-96, 104

WELDING—An Improved Gas Cutting Torch. No. 2, Oct. 27, 1926 104

An International Welding Exposition. No. 1, Oct. 13, 1926 97

Arc Welding Apparatus. No. 1, Oct. 13, 1926 106

Page

Gas Engine Driven Welder Announced by G. E. No. 12, March 16, 1927 107

Koro Welding Rods. No. 3, Nov. 10, 1926 114

Lincoln Arc Welder. No. 2, Oct. 27, 1926 103

Lincoln Arc Welder. No. 5, Dec. 8, 1926 105

Milburn Developments. No. 5, Dec. 8, 1926 98

New Arc Welding Bulletin. No. 8, Jan. 19, 1927 111

New Arc Welding Machine. No. 10, Feb. 16, 1927 104

New Butt Welding Machine. No. 13, March 30, 1927 95

New Electric Welding Manual. No. 12, March 16, 1927 .. 109

New Text Book on Welding by Lincoln Company. No. 6, December 22, 1926 106

New Type Welding Electrode. No. 13, March 30, 1927 ... 98

The Lincoln Arc Welder. No. 2, Oct. 27, 1926 103

Tractor Welding Units. No. 1, Oct. 13, 1926 96

WELLER MFG. CO.—H. C. Shields Joins Weller. No. 11, March 2, 1927 102

Salem Elevator Buckets. No. 13, Mar. 30, 1927 91

WESTBROOK, F. A.—A Picturesque Whetstone Quarry. No. 4, Nov. 24, 1926 85-88

A Systematically Arranged Lime Plant. No. 7, January 5, 1927 87-90

Consolidated Stone and Sand Company Applies Modern Methods to Plant. No. 4, Nov. 24, 1926 73-76

Four Million Tons of Sand and Gravel Produced Annually by This Company. No. 11, March 2, 1927 47-55

Good Management Reflected in Details of Plant Operation and Routine. No. 12, March 16, 1927 61-65

Individuality Expressed in This Plant of Hartford Sand and Stone Company. No. 7, Jan. 5, 1927 63-69

Henry Steers Has Developed This Plant During the Present Year. No. 2, Oct. 27, 1926 69-73

Leicester Lime Corporation of Vermont Uses Good Management in Production. No. 3, Nov. 10, 1926 ... 67-71

Mining Asbestos on a Large Scale. No. 2, Oct. 27, 1926 .. 49-58

Pittsfield Lime and Stone Company Improves Plant Efficiency. No. 8, Jan. 19, 1927 41-45

Plant Facilities Utilized to Advantage by Atlas Sand and Gravel Company. No. 8, Jan. 19, 1927 33-40

Richard Kennedy Looks After Details in Sand and Gravel Operation. No. 13, March 30, 1927 55-59

Swenson Brothers Apply Good Engineering to a New Hampshire Granite Operation. No. 1, Oct. 13, 1926 .. 67-74

The Maine Sand and Gravel Company Operates an Efficient Plant at Portland. No. 1, Oct. 13, 1926 85-89

This Slate Quarry Markets Waste at a Worthwhile Profit. No. 3, Nov. 10, 1926 75-79

This Lime Company Balances Operations With Surrounding Conditions. No. 6, Dec. 22, 1926 61-64

WESTERN WHEELED SCRAPER CO.—Fifty Years of Service. No. 11, March 2, 1927 103

Western Ten-Yard Dump Car Operated by Electricity. No. 6, December 22, 1926 99

WESTINGHOUSE ELECTRIC AND MFG. CO.—New Westinghouse Light and Power Plant. No. 12, March 16, 1927 109

Variable Voltage Equipment for Electric Power Shovels. No. 4, Nov. 24, 1926 104

WHETSTONES—A Picturesque Whetstone Quarry. *F. A. Westbrook.* No. 4, Nov. 24, 1926 85-88

WHITEROCK QUARRIES—Recent Improvements Broaden the Market for Whiterock Quarries. No. 3, Nov. 10, 1926 83-87

WITMER, FRED—Fred Witmer Considers 1927 Good for Lime Industry. No. 6, Dec. 22, 1926 74

WILDER, F. A.—What's Ahead for 1927? No. 5, Dec. 8, 1926 61

WILFLY—Arthur R. Wilfly Dies. No. 13, March 30, 1927 .. 91

WILLIAMS, HAROLD, JR.—Vibration in Quarry Operations as a Practical Legal Problem. No. 10, Feb. 16, 1927 73-77

WILLIAMS, H. L.—Wire Rope and Its Use Today. No. 3, Nov. 10, 1926 95-96

WILLIAMS PATENT CRUSHER AND PULVERIZER CO.—Non-Clog Williams Crusher. No. 5, Dec. 8, 1926 110

WISER, A. E.—What's Ahead for 1927? No. 5, Dec. 8, 1926 64

WOOD HYDRAULIC HOIST AND BODY CO.—New Wood Hydraulic Unit. No. 6, December 22, 1926 106

WOOD SHOVEL AND TOOL COMPANY—Wood Shovel Catalog. No. 8, Jan. 19, 1927 107

WORTHINGTON PUMP AND MACH. CO.—New Worthington Engine. No. 10, Feb. 16, 1927 106

WORTMAN, I. W.—What's Ahead for 1927? No. 5, Dec. 8, 1926 64

WRIGHT, S. R.—S. R. Wright Retires. No. 13, March 30, 1927 92

Y

YOUNG, C. H.—What's Ahead for 1927? No. 5, Dec. 8, 1926 66

Z

ZELNICKER, WALTER A., SUPPLY COMPANY—Reconditioned Rails. No. 6, December 22, 1926 106